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Fifth Census of Canada, 1911—Manufactures for 1910 as enumerated in June, 1911.

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1. Report of the Auditor General for the year ended 31st March, 1912 Volume 1, Parts A to J. Volume II, Parts K to U. Volume III, Parts V to Y. Presented by Hon. Mr. White, 14th January, 1913.

Printed for distribution and sessional papers.

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2. The Public Accounts of Canada, for the fiscal year ended 31st March, 1912. Presented by Hon. Mr. White, 26th November, 1912.

Printed for distribution and sessional papers.

3. Estimates of sums required for the service of the Dominion for the year ending 31st March, 1914. Presented by Hon. Mr. White, 3rd February, 1913.

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4. Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1913. Presented by Hon. Mr. White, 10th March, 1913.

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5. Supplementary Estimates of sums required for the service of the Dominion for the year ending on 31st March, 1914. Presented by Hon. Mr. White, 20th May, 1913.

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6. List of Shareholders in the Chartered Banks of the Dominion of Canada as on December 31, 1911. Presented by Hon. Mr. White, 26th November, 1912.

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7. Report on dividends remaining unpaid, unclaimed balances and unpaid drafts and bills of exchange in Chartered Banks of the Dominion of Canada, for five years and upwards prior to 31st December, 1911. Presented by Hon. Mr. White, 26th November, 1912.

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8. Report of the Superintendent of Insurance for year ended 1912. Presented by Hon. Mr. White.. .. ..*Printed for distribution nd sessional papers.*

9. Abstract of Statements of Insurance Companies in Canada for the year ended 1912. Presented by Hon. Mr. White.. .. .. ..*Printed for distribution and sessional papers.*

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10. Report of the Department of Trade and Commerce for the fiscal year ended 31st March, 1912. (Part I.—Canadian Trade). Presented by Hon. Mr. Foster, 30th January, 1913. *Printed for distribution and sessional papers.*

10*a*. Report of the Department of Trade and Commerce, for the year ended 31st March, 1912. (Part II.—Canadian Trade with (1) France, (2) Germany, (3) United Kingdom, and (4) United States). Presented by Hon. Mr. Foster, 12th December, 1912. *Printed for distribution and sessional papers*

10*b*. Report of the Department of Trade and Commerce for the fiscal year ended 31st March, 1912. (Part III.—Canadian Trade with Foreign Countries, except France, Germany, the United Kingdom and United States). Presented by Hon. Mr. Foster, 15th January, 1913.. .. ..*Printed for distribution and sessional papers.*

10*c*. Report of the Department of Trade and Commerce, for the fiscal year ended 31st March, 1912. (Part IV.—Miscellaneous Information). Presented by Hon. Mr. Reid. 17th February, 1913.. ... .*Printed for distribution and sessional papers.*

10*d*. Report of the Board of Grain Commisioners for Canada. Presented by Hon. Mr. Foster, 3rd February, 1913.. .. ..*Printed for distribution and sessional papers.*

10*e*. Report of the Department of Trade and Commerce for the fiscal year ended 31st March 1912. (Part VI.—Subsidized Steamship Services). Presented, 1913. *Printed for distribution and sessional papers.*

10*f*. Report of Trade and Commerce for fiscal year ended 31st March, 1912. (Part VII.—Trade of Foreign Countries, Treaties and Conventions). Presented, 1913. *Printed for distribution and sessional papers*

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13. Report of the Department of Inland Revenue for year ended 31st March, 1912. (Part II.—Inspection of Weights and Measures, Gas and Electricity). Presented by Hon. Mr. Nantel, 25th November, 1912.. .. ..*Printed for distribution and sessional papers.*

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16. Report of the Director and Officers of the Experimental Farms for the year ending 31st March, 1912. Presented by Hon. Mr. Burrell, 14th January, 1913.
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17. Criminal Statistics for the year ended 30th September, 1911, (Appendix of the Report of the Minister of Agriculture, for the year 1911). Presented by Hon. Mr. Borden, 2nd June, 1913... .. ..*Printed for distribution and sessional papers.*

18. Return of the Twelfth General Election for the House of Commons of Canada, held on the 14th and 21st of September, 1911. Presented by Hon. The Speaker, 27th November, 1912.. .. ..*Printed for distribution and sessional papers.*

18*a*. Return of By-Elections (Twelfth Parliament) for the House of Commons of Canada, held during the year 1912. Presented by Hon. The Speaker, 10th March, 1913.
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19. Report of the Minister of Public Works on the works under his control for the fiscal period ended 31st March, 1912. Part I. Presented by Hon. Mr. Rogers, 4th December, 1912. Part II. Ottawa River Storage and Geodetic Levelling.
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20*e*. Express Statistics of the Dominion of Canada, for the year ended 30th June, 1912. Presented by Hon. Mr. Cochrane, 12th February, 1913.
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21*c*. Supplement to Forty-fifth Report of the Department of Marine and Fisheries, for fiscal year 1911-12,—Marine Branch—Influence of Icebergs and Land on the temperature of the Sea. Presented by Hon. Mr. Hazen, 17th February, 1913.
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22. Forty-fifth Annual Report of the Department of Marine and Fisheries, 1912,—Fisheries. Presented by Hon. Mr. Hazen, 5th December, 1912.
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30. The Civil Service List of Canada, 1912. Presented by Hon. Mr. Coderre, 3rd December, 1912.. .. ..*Printed for distribution and sessional papers.*

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34. Report of the Minister of Justice as to Penitentiaries of Canada, for the fiscal year ended 31st March, 1912. Presented by Hon. Mr. Doherty, 27th November, 1912.
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35. Report of the Militia Council for the fiscal year ending 31st March, 1913. Presented by Hon. Mr. Hughes, 14th January, 1913. ..*Printed for distribution and sessional papers.*

36. Report of the Department of Labour for the fiscal year ending 31st March, 1912. Presented by Hon. Mr. Crothers, 28th November, 1912.
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36a. Fifth Report of the Registrar of Boards of Conciliation and Investigation of the proceedings under "The Industrial Disputes Investigation Act, 1907," for the fiscal year ending 31st March, 1912. Presented by Hon. Mr. Crothers, 28th November, 1912.
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39. "Miscellaneous Unforeseen Expenses," from the 1st April, to the 21st November, 1912, in accordance with the Appropriation Act of 1912. Presented by Hon. Mr. White, 25th November, 1912... .. ..*Not printed*

40. Statement of Treasury Board over-rulings, under Section 44, Consolidated Revenue and Audit Act. Presented by Hon. Mr. White, 26th November, 1912... .. ..*Not printed.*

41. Statement in pursuance of Section 17 of the Civil Service Insurance Act, for the year ending 31st March, 1912. Presented by Hon. Mr. White, 26th November, 1912.
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42. Statement of Receipts and Expenditures of the Ottawa Improvement Commission to 31st March, 1912. Presented by Hon. Mr. White, 26th November, 1912.....*Not printed.*

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44. Statement of Superannuation and Retiring Allowances in the Civil Service during the year ending 31st December, 1912, showing name, rank, salary, service, allowance and cause of retirement of each person superannuated or retired, also whether vacancy is filled by promotion or by appointment, and salary of any new appointee. Presented by Hon. Mr. White, 26th November, 1912.. .. ..*Not printed*

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45*a*. Return to lands sold by the Canadian Pacific Railway Company during the year which ended on the 1st October, 1912. Presented by Hon. Mr. Roche, 14th January, 1913.. .. ..*Not printed.*

45*b*. Return to an Address to His Royal Highness the Governor General of the 27th January, 1913, for a copy of all applications made by the Canadian Pacific Railway Company for authorization to make new issue of stock, addressed to the Governor in Council, and of all correspondence with regard to the same. Presented 16th April, 1913, by Sir Wilfrid Laurier.. .. ..*Not printed*

46. Return to an Order of the House of the 18th March, 1912, for a copy of all reports made by the Inspector of Agents for placing Immigrants, both domestic servants and farm labourers, in Ontario and Quebec, during the years 1910 and 1911. Presented 27th November, 1912, by Mr. Sutherland.. .. ..*Not printed.*

47. Return to an Order of the House of the 11th March, 1912, for a copy of all letters, telegrams and other papers in connection with complaints of whatever nature against Commission Agents for placing farm labourers in Ontario, also officials connected with any agency in Ontario, during the year 1910 and 1911. Presented 27th November, 1912 by Mr. Sutherland.. .. ..*Not printed*

48. Copy of Order in Council No. P. C. 1275, dated 13th May, 1912, "Award of compensation to men belonging to the Royal Canadian Navy, who may be permanently disabled though injuries or illness contracted during drill, training or on duty." Presented by Hon. Mr. Hazen, 27th November, 1912.. .. ..*Not printed.*

48*a*. Copies of plans included in the tender of Messrs. Cammel, Laird & Company, dated 29th April 1911, for the construction of ships for the Canadian Naval Service. Presented by Hon. Mr. Hazen, 18th December, 1912.. .. ..*Not printed.*

48*b*. An Act respecting the Naval Service of Canada." (Copy of Order in Council, No. P. C. 126 dated 20th January, 1913. "Amendment to the Regulations for the Entry of Naval Cadets)." Presented by Hon. Mr. Hazen, 4th February, 1913.. ..*Not printed.*

49. Regulations under "The Destructive Insect and Pest Act." Presented by Hon. Mr. Burrell, 28th November, 1912.. .. ..*Not printed.*

50. Statement of the affairs of the Royal Society of Canada, for the year ended 30th April, 1912. Presented by Hon. Mr. White, 29th November, 1912.. .. ..*Not printed.*

51. Ordinances of the Yukon Territory passed by the Yukon Council in the year 1912. Presented by Hon. Mr. Coderre, 3rd December, 1913.. .. ..*Not printed*

52. Return of Orders in Council which have been published in the *Canada Gazette*, between 1st August, 1911, and 30th September, 1912, in accordance with the provisions of Section 77 of the Dominion Lands Act, Chapter 20 of the Statutes of Canada, 1908. Presented by Hon. Mr. Roche, 5th December, 1912.. .. ..*Not printed.*

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52*a*. Return of Orders in Council passed between the 1st August, 1911, and 30th September, 1912, in accordance with the provisions of Section 5 of the Dominion Land Survey Act, Chapter 21, 7-8 Edward VII. Presented 5th December, 1912, by Hon. Mr. Roche. *Not printed.*

52*b*. Return of Orders in Council which have been passed and published in the *Canada Gazette* and in the British Columbia *Gazette*, between 1st August, 1911, and 30th September, 1912, in accordance with provisions of Subsection (*d*) of Section 38 of the regulations for the survey, administration, disposal and management of Dominion Lands within the 40-mile Railway Belt in the Province of British Columbia. Presented by Hon. Mr. Roche, 5th December, 1912.. .. ..*Not printed*

52*c*. Return to an Order of the House of the 24th February, 1913, for a copy of all regulations issued by the Minister of the Interior, relating to the disposition of Dominion lands between 8th April, 1905, and 12th October, 1911. Presented by Hon. Mr. Roche. 25th March, 1913.. .. ..*Not printed.*

53. A detailed statement of all bonds or securities registered in the Department of the Secretary of State of Canada, since last return (28th November, 1911) submitted to the Parliament of Canada under Section 32 of Chapter 19, of the Revised Statutes of Canada, 1906. Presented by Hon. Mr. Coderre, 4th December, 1912.. .. ..*Not printed.*

54. Annual Return respecting Trade Unions under Chapter 125, R.S.C., 1906. Presented by Hon. Mr. Coderre, 4th December, 1912... .. ..*Not printed.*

55. Deliberation of the Canada-West Indies Conference, and Agreement between Canada and certain of the West India Colonies. Presented by Hon. Mr. Foster, 4th December, 1912.. .. ..*Printed for distribution and sessional papers*

56. Orders in Council passed between the 1st August, 1911, and 30th September, 1912, in accordance with the provisions of the Rocky Mountains Park Act, Chapter 60, Revised Statutes of Canada, 1906. Presented by Hon. Mr. Rogers, 4th December, 1912. *Not printed.*

56*a*. Return of Orders in Council passed between the 1st August, 1911, and 30th September, 1912, in accordance with the provisions of the Forest Reserves and Park Act, Section 19, of Chapter 10, 1-2 George V. Presented by Hon. Mr. Roche, 5th December, 1912. *Not printed.*

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57. Report of the Public Service Commission. Presented by Hon. Mr. Borden, 9th December, 1912. Parts I, II, and III.. .. .. ..*Printed for distribution and sessional papers.*

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57*a*. Report on the organization of the Public Service of Canada, by Sir George Murray. Presented by Hon. Mr. Borden, 18th December, 1912. *Printed for distribution and sessional papers.*

58. Report of the proceedings for the preceding year of the Commissioners of Internal Economy of the House of Commons, pursuant to Rule 9. Presented by Hon. The Speaker, 9th December, 1912.. .. ..*Not printed.*

59. Schedules of Trade Transactions between the West Indies and Canada, the United States and the United Kingdom, compiled from the West Indian blue books and statistics. Presented by Hon. Mr. Foster, 12th December, 1912. *Printed for distribution and sessional papers.*

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59*a*. Trade Statistics of Imports and Exports in possession of the Government, *re* British West Indies. (*Senate*).. .. ..*Not printed.*

60. Return showing correspondence concerning the calling for tenders for the Ships of War of Canada, together with copies of tenders. Presented by Hon. Mr. Hazen, 12th December, 1912.. .. ..*Not printed.*

61. Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence, telegrams, reports and documents relating to the dismissal of John R McDonald, Heatherton, Antigonish County, as Indian agent for the district including the Counties of Antigonish and Guysborough, and the appointment of his successor. Presented 4th January, 1913.—*Mr. Chisholm* (*Antigonish*).. .. ..*Not printed.*

61*a*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Dr. C. P. Bissett, Physician to the Indians at Salmon River, Richmond County, N.S. Presented 14th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*b*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Michael Murphy, postmaster at Point Micheau, Richmond County, N.S. Presented 4th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*c*. Return to an Order of the House of the 9th December, 1912, for copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of David A. McLeod, Postmaster at Cleveland, Richmond County, N.S. Presented 14th January.—*Mr. Kyte*.. .. ..*Not printed.*

61*d*. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, letters, complaints, telegrams, reports, and other documents in the possession of the Post Office Department relating to the dismissal of John Milward, Postmaster at Stormont, Guysborough County, N.S. Presented 14th January, 1913.—*Mr. Sinclair.*
Not printed.

61*e*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents, relating to the dismissal of Kenneth F. McAskill, Postmaster at Loch Lomond, Richmond County, N.S. Presented 14th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*f*. Return to an Address to His Royal Highness the Governor General of the 25th March, 1912, for a copy of all letters, telegrams, memorandums and Orders in Council, relating to the dismissal of Mr. W. W. Hayden, late wharfinger of the government wharf at Digby, Nova Scotia. Presented 14th January, 1913.—*Mr. MacLean* (*Halifax*).
Not printed.

61*g*. Return to an Order of the House of the 11th December, 1912, for a copy of all complaints and charges made against W. B. Langley, assistant at Lobster Hatchery, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal and the appointment of a successor. Presented 14th January, 1913.—*Mr Sinclair*.. .. ..*Not printed.*

61*h*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Fred. E. Cox, engineer lobster hatchery at Isaac's Harbour, Guysborough County, N.S., and of the evidence taken and report of investigation held by H. P. Duchemin in regard to the same. Presented 14th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61*i*. Return to an Order of the House of the 11th December, 1912, for a copy of all complaints and charges made against Simon Hodgson, engineer lobster hatchery at Isaac's Harbour, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal and the appointment of a successor. Presented 14th January 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61j. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Henry Henlow, chief engineer at lobster hatchery at Canso, Guysborough County, N.S. Presented 14th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*k*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of H. C. V. LeVatte, harbour master at Louisburg, Cape Breton South, N.S., and of evidence taken and report of investigations held by H. P. Duchemin, in regard to the same. Presented 14th January, 1913.—*Mr. Carroll*.. .. ..*Not printed.*

61*l*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John Cummings, assistant at the lobster hatchery at Isaac's Harbour, Nova Scotia, and of evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same. Presented 14th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*m*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of W. G. Matthews, coxswain, lifeboat crew at Canso, Guysborough County, N.S., and all evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 14th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*n*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relating to the dismissal of Joseph Shean, harbour master at North Sydney, N.S., in the riding of North Cape Breton and Victoria. Presented 14th January, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61*o*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents, relating to the dismissal of George H. Sampson, keeper of the storm signal at Lower L'Ardoise, Richmond County, N.S. Presented 14th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*p*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Alexis Vigneau, captain of the patrol boat at Arichat, Richmond County, N.S. Presented 14th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*q*. Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all correspondence, Orders in Council and all other papers or documents in any way relating to the dismissal of Emeri Thivierge, from the position of fisheries inspector for the Counties of Prescott and Russell. Presented 14th January, 1913.—*Mr. Murphy*.. .. ..*Not printed.*

61*r*. Return to an Order of the House of the 9th December, 1912, for a return showing all the public officers of the Inland Revenue Department in the County of St. Jean Iberville, removed by the present Government since 1st May, 1912, together with the names and duties of such persons, the reasons of their dismissal, the nature of the

CONTENTS OF VOLUME 27—*Continued.*

complaints against them, the names of the persons who brought these complaints; also a copy of all correspondence relating thereto, and of the reports of inquiries in the cases where such have been held. Presented 14th January, 1913.—*Mr. Demers.*

Not printed.

61*s*. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, complaints, petitions, memoranda, notes of evidence, reports of investigations and other documents in the possession of the Department of Inland Revenue regarding the dismissal of J. Fabien Bugeaud, Bonaventure, Quebec, assistant inspector of weights and measures in the Quebec district, and the appointment of his successor or successors, with the names, residence, salaries and duties; also of all documents relating to A. B. Caldwell, New Carlisle, Quebec, joint assistant inspector with J. Fabien Bugeaud, and the duties assigned to him, together with a copy of all recommendations for said new appointment. Presented 14th January, 1913.—*Mr. Marcil (Bonaventure)*.. .. ..*Not printed.*

61*t*. Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all correspondence, Orders in Council and all other papers or documents in any way relating to the dismissal of Duncan McArthur, from the Annuities Branch, while the said branch was attached to the Department of Trade and Commerce. Presented 15th January, 1913.—*Mr. Murphy*.. .. ..*Not printed.*

61*u*. Return to an Order of the House of the 26th February, 1912, for a copy of all documents, letters, requests, reports, recommendations and evidence taken under investigation by Dr. Shentliff, relating to the dismissal of Charles O. Jones, postmaster of Bedford, County of Missisquoi. Presented 15th January, 1913.—*Mr. Kay.*

Not printed.

61*v*. Return to an Order of the House of the 1st April, 1912, for a copy of all letters, telegrams, complaints or other papers or documents in the possession of the Government or any department thereof, relating to the dismissal of Archibald Barss, postmaster, New Harbour, West, Guysborough County, N.S. Presented 15th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*w*. Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, documents, recommendation and other reports respecting the dismissal of Dr. A. Allaire as surgeon of the penitentiary of St. Vincent de Paul, and also respecting the payments of his gratuities, superannuation or retiring allowance. Presented 15th January, 1913.—*Mr. Wilson (Laval)*.. .. ..*Not printed*

61*x*. Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, documents, recommendations and reports respecting the dismissal of Oscar Beauchamp as warden of the penitentiary of St. Vincent de Paul, and also respecting the payments of his gratuities, superannuation or retiring allowance. Presented 15th January, 1913.—*Mr. Wilson (Laval)*.. .. ..*Not printed.*

61*y*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of John McDonald, freight handler and checker Intercolonial railway at Sydney Mines Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 16th January, 1913.—*Mr. Mackenzie*.. .. ..*Not printed.*

61*z*. Return to an Order of the House of the 9th December, 1912, for a copy of all letters, correspondence, documents and reports relating to the dismissal of Allan Kinney, of Linwood, Antigonish County, Nova Scotia, a sectionman on the Intercolonial rail-

CONTENTS OF VOLUME 27—*Continued.*

way, and for a statement in detail of the expenses in connection with the investigation of the charges against him. Presented 16th January, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61*aa*. Return to an Order of the House of the 9th December, 1912, for a copy of all letters, correspondence, documents and reports relating to the dismissal of Charles Landry, of Pomket, Antigonish county, Nova Scotia, a sectionman on the Intercolonial railway, and for a statement in detail of the expenses connected with the investigation of the charges against him. Presented 16th January, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61*bb*. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, documents, reports, correspondence, &c., relating to the dismissal of Patrick Decoste, an employee on the ferry steamer *Scotia* between Mulgrave and Point Tupper on the Intercolonial railway. Presented 16th January, 1913.. .. ..*Not printed.*

61*cc*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Harry E. McDonald, assistant engineer at St. Peters Canal, Richmond County, N.S Presented 13th January, 1913.—*Mr. Kyte.*

61*dd*. Return to an order of the House of the 9th December, 1912, for a copy of all letters, papers, documents, telegrams, and charges relating to a complaint against Neil Ross sectionman on the Intercolonial railway at West River, County of Pictou, and of the evidence taken at the investigation, of the report of the commissioner thereon, and of all letters, papers or other documents relating to the appointment of his successor. Presented 16th January, 1913.—*Mr. Macdonald*.. .. ..*Not printed.*

61*ee*. Return to an Order of the House of the 9th December, 1912, for a copy of all letters, correspondence, documents and reports relating to the dismissal of James Armstrong, of Heatherton, Antigonish County, N.S., a sectionman on the Intercolonial railway, and for a statement in detail of the expenses connected with the investigation of the charges against him. Presented 16th January, 1913.—*Mr. Chisholm (Antigonish)*. *Not printed.*

61*ff*. Return to an Order of the House of the 4th December, 1912, for a copy of all letters, telegrams and other documents, relating to the dismissal of Thomas J. Gray, as car inspector on the Intercolonial railway at Westville, County of Pictou. Presented 16th January, 1913.—*Mr. Macdonald*.. .. ..*Not printed.*

61*gg*. Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence, telegrams and reports relating to the dismissal of Colin Macdonald, of James River Station, County of Antigonish, as Intercolonial sectionman, and the appointment of his successor. Presented 16th January, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61*hh*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of A. T. Gannon, car repairer and inspector Intercolonial railway at North Sydney, Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 16th January, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61*ii.* Return to an Order of the House of the 9th December, 1912, for a copy of all letters, correspondence, documents, and reports relating to the dismissal of Huber Myatte, Tracadie, Antigonish County, Nova Scotia, a sectionman on the Intercolonial railway and for a statement in detail of the expenses connected with the investigation of the charges against him. Presented 16th January, 1913.—*Mr. Chisholm (Antigonish).*
Not printed.

61*jj.* Return to an Order of the House of the 9th December, 1912, for a copy of all letters, correspondence, documents, and reports relating to the dismissal of John McDonnell, Afton Station, Antigonish County, Nova Scotia, a sectionman on the Intercolonial railway, and for a statement in detail of the expenses connected with the investigation of the charges against him. Presented 17th January, 1913.—*Mr. Chisholm (Antigonish).. .. .. .

CONTENTS OF VOLUME 27—*Continued.*

61*qq*. Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence, letters and telegrams relating to the dismissal of J. N. N. Poirier, collector of excise at Victoriaville, Quebec, and also of the inquiry made by N. Garceau, by the Minister of Inland Revenue, and especially of two affidavits given by Ludger Frechette and Joseph Faucher. Presented 17th January, 1913.—*Mr. Brouillard.* *Not printed.*

61*rr*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of Abraham Astephen, of North Sydney, N.S., interpreter Immigration Department at North Sydney, N.S., in the riding of North Cape Breton and Victoria. Presented 17th January, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61*ss*. Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all correspondence, Orders in Council, and all other papers or documents in any way relating to the dismissal of Robert Dow from the Immigration Branch of the Department of the Interior at Ottawa. Presented 17th January, 1913. —*Mr. Murphy*.. .. ..*Not printed.*

61*tt*. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, correspondence, &c., relating to the dismissal of John Ware of the Immigration Branch of the Interior Department at Halifax, N.S. Presented 17th January, 1913.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

61*uu*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges correspondence, letters, telegrams, and other documents relative to the dismissal of Richard Hickey, agent Immigration Department at North Sydney, Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same, and a detailed statement of the expenses of such investigation. Presented 17th January, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61*vv*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges correspondence, letters, telegrams, and other documents relative to the dismissal of Dr. J. W. McLean, of North Sydney, N.S., medical examiner, Immigration Department at North Sydney, N.S., in the riding of North Cape Breton and Victoria. Presented 17th January, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61*ww*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John A. McRea, lightkeeper, at Margaree Island, Inverness County, Nova Scotia, of the evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 17th January, 1913.—*Mr. Chisholm (Inverness)*.. .. .. ..*Not printed.*

61*xx*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Thomas Brymer, lightkeeper at Lower L'Ardoise, Richmond County, N.S. Presented 17th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*yy*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges correspondence, letters, telegrams and other documents relating to the dismissal of Dominique Boudrot, buoy contractor, at Petit de Grat, Richmond County, N.S. Presented 17th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61*zz*. Return to an Order of the House of the 4th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents concerning the dismissal of Frederick F. Doucet, keeper of the lighthouse at the entrance of the harbour of Caraquet, County of Gloucester, and the nomination of his successor. Presented 17th January, 1913.—*Mr. Turgeon*.. .. ..*Not printed.*

61*aaa*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of W. H. Henlow, keeper of storm drum, Liscomb, Guysborough County, N.S. Presented 17th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*bbb*. Return to an Order of the House of the 4th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of David Falconer, lightkeeper at Cariboo Island, County of Pictou. Presented 17th January, 1913.—*Mr. Macdonald*.. .. ..*Not printed.*

61*bbb*. Return to an Order of the House of the 4th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of M. Wilson Lawlor, harbour commissioner at North Sydney, Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 17th January, 1913.—*Mr. McKenzie.*

Not printed.

61*ddd*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of P. J. McDonald, harbour commissioner at North Sydney, Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 17th January, 1913.—*Mr. McKenzie.*

Not printed.

61*eee*. Return to an Order of the House of the 9th December, 1912, for a return showing: 1. The names of all lightkeepers in the Province of Nova Scotia who were dismissed from office or employment since 10th October, 1911, together with the date of each dismissal. Presented 17th January, 1913.—*Mr. Maclean* (*Halifax*).. .. ..*Not printed.*

61*fff*. Return to an Order of the House of the 4th December, 1912, for a return showing the detail and number of dismissals from public offices in the Department of Marine and Fisheries to this date in the County of Bonaventure, the names of the dismissed occupants, the reasons for their dismissal, the complaints against such officials and a copy of all correspondence with respect to the same, and of all reports of investigations where such were held; as well as a list of the new appointments made by the department, with names, residences, salaries and duties, and a copy of all recommendations of such appointments. Presented 17th January, 1913.—*Mr. Marcil* (*Bonaventure*).

Not printed.

61*ggg*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of H. L. Tory, fishery officer at Guysborough, Guysborough County, N.S., and of all evidence taken, and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of the investigation. Presented 17th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*hhh*. Return to an Order of the House of the 4th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents in the possession of the Department of Marine and Fisheries relating to the dismissal of John W. Davis, fishery officer, Guysborough, N.S. Presented 17th January, 1913.—*Mr. Sinclair.*

Not printed.

CONTENTS OF VOLUME 27—*Continued.*

61*jjj*. Return to an Order of the House of the 4th December, 1912, for a copy of all charges correspondence, letters, telegrams and other documents relating to the dismissal of Martin Bourque, lightkeeper at River Bourgeois, Richmond County, N.S., and of the evidence taken and of the report of the investigation held by H. P. Duchemin in regard to the same, and a detailed statement of the expenses of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 17th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*jjj*. Return to an Order of the House of the 4th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Frederick Poirier, buoy contractor, at Descouse, Richmond County, N.S. Presented 17th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*kkk*. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, letters, telegrams and petitions for and against the dismissal of Dr. George Pinault, as medical health officer of the Mic-Mac Indian reserve, at Ste. Anne de Restigouche, Bonaventure County, Quebec, and of all documents relating to the appointment of a successor, with the name, residence, salary and duties of the new appointee. Presented 20th January, 1913.—*Mr. Marcil*.. .. ..*Not printed.*

61*lll*. Return to an Order of the House of the 1st April, 1912, for a copy of all papers, letters, &c., concerning the dismissal of Frederick Veit, employed by the Department of Marine and Fisheries in the County of Gaspé. Presented 20th January, 1913.—*Mr. Lemieux*.. .. ..*Not printed.*

61*mmm*. Return to an Order of the House of the 1st April, 1912, for a copy of all letters, petitions, complaints, declarations and other documents in the possession of the Department of Marine and Fisheries, relating to the dismissal of Mr. Alfred Lalonde, employed in the warehouse of the Government yards at St. Joseph de Sorel and the appointment of his successor. Presented 20th January, 1913.—*Mr. Cardin*..*Not printed.*

61*nnn*. Return to an Order of the House of the 1st April, 1912, for a copy of all letters telegrams, complaints or other papers or documents in the possession of the Government or any department thereof, relating to the dismissal of James Webber, lightkeeper, Tor Bay Point, N.S. Presented 20th January, 1913.—*Mr. Sinclair.*
Not printed.

61*ooo*. Return to an Order of the House of the 1st April, 1912, for a copy of all documents letters, inquiries, reports, evidence, &c., relating to the dismissal or the resignation of Baptiste Desjardins as lighthouse keeper at Kamouraska. Presented 20th January, 1913.—*Mr. Lapointe (Kamouraska)*.. .. ..*Not printed.*

61*ppp*. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, letters, telegrams and other documents relating to the dismissal of Angus Smith, pilot on the steamer *Earl Grey*, and also of all the evidence taken at the latest investigation held in regard to the said complaints, and of the report of the investigation with regard to the same. Presented 20th January, 1913—*Mr. Macdonald.*
Not printed.

61*qqq*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Michael J. Sampson, lightkeeper at Lower L'Ardoise, Richmond County, N.S. Presented 20th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*rrr*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of William Hackett, harbour commissioner at North Sydney, Nova Scotia, in the riding

CONTENTS OF VOLUME 27—*Continued.*

of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin in regard to same, and a detailed statement of the expenses of such investigation. Presented 20th January, 1913.—*Mr. McKenzie.*

Not printed.

61*sss.* Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence and other documents in the possession of the Department of Marine and Fisheries relating to the dismissal of Hormidas Lacasse, as wharfinger on the government wharf at Wendover, County of Prescott, Ontario, and the appointment of his successor. Presented 20th January, 1913.—*Mr. Proulx*.. .. ..*Not printed.*

61*ttt.* Return to an Order of the House of the 9th December, 1912, for a copy of all documents, papers, evidence and correspondence, relating to the dismissal of Geoffrey Gorman, coxswain of the lifeboat station at Herring Cove, Halifax County, N.S. Presented 20th January, 1913.—*Mr. Maclean (Halifax)*.. .. .. *Not printed.*

61*uuu.* Return to an Order of the House of the 10th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Captain George Wetmore, harbour master at Yarmouth, Yarmouth County, N.S., and the same information regarding the appointment of Captain Wetmore's successor, and of all evidence taken and report of investigation held by Charles Lane in regard to the same, also a detailed statement of expenses of such investigation. Presented 20th January, 1913.—*Mr. Law*.. .. ..*Not printed.*

61*vvv.* Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Stanley Henlow, lightkeeper at Liscomb, Guysborough County, N.S., and of evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 20th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*www.* Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of H. C. V. LeVatte, fishery officer at Louisburg, Cape Breton South, N.S., and of the evidence taken and reports of investigations held by H. P. Duchemin, in regard to the same. Presented 20th January, 1913.—*Mr. Carroll*.. .. ..*Not printed.*

61*xxx.* Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Elias M. Boudrot, keeper of storm signal at Petit de Grat, Richmond County, N.S., and of the evidence taken and report of investigation held by H. P. Duchemin in regard to the same and a detailed statement of the expenses of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 20th January, 1913.—*Mr Kyte*.. .. ..*Not printed.*

61*yyy.* Return to an Order of the House of the 10th December, 1912, for a return of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of A. B. Cox, Superintendent of Reduction Works at Canso, Guysborough County, N.S., and of all evidence taken and report of investigation held by H. P Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 20th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*zzz.* Return to an Order of the House of the 9th December, 1912, for a copy of all complaints and charges made against Jeffrey Crespo, sub-collector of Customs at Harbour au Bouche, Antigonish County, Nova Scotia, and of all letters, telegrams, correspondence and reports relating in any way to his dismissal and the appointment of a successor. Presented 20th January, 1913.—*Mr. Chisholm (Antigonish).*

Not printed.

CONTENTS OF VOLUME 27—*Continued.*

61*aaaa*. Return to an Order of the House of the 9th December, 1912, for a copy of all letters, papers, charges and correspondence between the Department of Customs and all other persons regarding the dismissal from office of Thomas Cameron, preventive officer at Andover, N.B., and also of all evidence and reports thereon with reference to the dismissal of the said officer. Presented 20th January, 1913.—*Mr. Michaud.*

Not printed.

61*bbbb*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of L. W. Pye, customs officer at Liscomb, Guysborough County, N.S., and of all evidence taken and reports of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 20th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*cccc*. Return to an Order of the House of the 9th December, 1912, for a copy of all complaints, accusations, inquiries, reports, correspondence, and of all documents relating to the dismissal of Lucien O. Thisdale, a customs employee at Valleyfield, Quebec, and the appointment of his successor. Presented 20th January, 1913.—*Mr. Papineau.*

Not printed.

61*dddd*. Return to an Order of the House of the 11th December, 1912, for a copy of all letters, telegrams, correspondence, reports, and other documents relating to the dismissal of Alexander Macdonald of Doctor's Brook, Antigonish County, as sub-collector of customs. Presented 20th January, 1913.—*Mr. Chisholm (Antigonish).*

Not printed.

61*eeee*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of Henry Cann, customs official and preventive officer at North Sydney, Nova Scotia, in the riding of North Cape Breton and Victoria. Presented 20th January, 1913.—*Mr. McKenzie*.. .. ..*Not printed*

61*ffff*. Return to an Order of the House of the 10th December, 1912, for a copy of all documents concerning the dismissal of Charles Mennier, customs preventive officer at Marieville, Quebec. Presented 20th January, 1913.—*Mr. Lemieux*.. .. ..*Not printed.*

61*gggg*. Return to an Order of the House of the 5th December, 1912, for a copy of all charges, correspondence, letters, telegrams, instructions, minutes of evidence taken and had on any inquiry investigation had, held or taken, and of all other papers and documents relating to the dismissal of George H. Cochrane, Collector of Customs at the Port of Moncton, New Brunswick; together with a copy of all letters and other correspondence between the Honourable Minister of Customs, and the member representing the County of Westmorland, New Brunswick, in this House, and of all letters, papers, telegrams, recommendations, appointments, or other papers and documents relating to the appointment of a collector of customs to succeed the said George H. Cochrane. Presented 20th January, 1913.—*Mr Emmerson*.. .. ..*Not printed.*

61*hhhh*. Return to an Order of the House of the 22nd January, 1912, for a copy of all correspondence, documents, recommendations and reports respecting the dismissal of C Michaud, postmaster at St. Germain, Kamouraska, and the appointment of his successor. Presented 20th January, 1913.—*Mr. Lapointe (Kamouraska)*.. ..*Not printed.*

61*iiii*. Return to an Order of the House of the 25th March, 1912, for a copy of all letters, telegrams and other documents, and of all complaints or accusations relating in any manner to the dismissal of Mr. Emile Archambault, letter carrier of Montreal, and a copy of the inquiry, and of the report of the inquiry held. Presented 20th January, 1913.—*Mr. Seguin*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61*jjjj*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Norman Morrison, postmaster at Ferguson's Lake, Richmond County, N.S. Presented 21st January, 1913.—*Mr. Kyte*.. .. .. *Not printed.*

61*kkkk*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of D. J. McKillop, postmaster at McKillop, Richmond County, N.S. Presented 21st January, 1913.—*Mr. Kyte*.. .. .. *Not printed.*

61*llll*. Return to an Order of the House of the 22nd January, 1912, for a copy of all correspondence, papers and reports in connection with the investigation recently held at the Ste. Agathe post office, County of Terrebonne. Presented 21st January, 1913.—*Mr. Lemieux*.. .. .. *Not printed.*

61*mmmm*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Bertie Boudrot, lightkeeper at Poulamon, Richmond County, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin in regard to the same, and a detailed statement of the expenses of such investigation, and a copy of all papers relating to the appointment of his successor. Presented 22nd January, 1913.—*Mr. Kyte*.. .. .. *Not printed.*

61*nnnn*. Return to an Order of the House of the 1st April, 1912, for a copy of all letters, telegrams and other documents and of all complaints, accusations and requests for inquiry, relating in any manner to the lighthouse keepers of Repentigny, P.Q., Messrs. Leon Rivest, J. B. Lachapelle and Louis Dubois, since 21st September last; also a copy of the inquiry and the report of the inquiry held in the matter. Presented 22nd January, 1913.—*Mr. Seguin*.. .. .. *Not printed.*

61*oooo*. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, telegrams, letters, &c., relating to the dismissal of L. P. Carignan, forest ranger in the constituency of Champlain, Quebec. Presented 24th January, 1913.—*Mr. Maclean (Halifax)*.. .. .. *Not printed.*

61*pppp*. Return to an Order of the House of the 5th December, 1912, for a copy of all correspondence, complaints, petitions, memoranda, notes of evidence, letters, reports of investigations and other documents in the possession of the Department of Customs, relating to the dismissal of James S. Harvey, preventive officer, New Richmond, Quebec; W. L. Kempffer, preventive officer at Paspebiac, Quebec; J. Herbert Sweetman, preventive officer at Port Daniel, Quebec; J. B. Le Blanc, preventive officer, at Carleton, Quebec; J. Nadeau, preventive officer, Nouvelle, Quebec, as well as a copy of all recommendations made regarding the appointment of their various successors and the names, salaries, duties and residences, with a copy of their instructions. Presented 24th January, 1913.—*Mr. Marcil*.. .. .. *Not printed.*

61*qqqq*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of William Marsh, preventive officer at Little Pond, Sydney Mines, in the riding of North Cape Breton and Victoria. Presented 24th January, 1913.—*Mr. McKenzie*. *Not printed.*

61*rrrr*. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, letters, telegrams, and petitions, for and against the dismissal of Duncan McDonald, preventive officer of customs at Athelstan, County of Huntingdon; also a copy of the report of investigation and evidence submitted to investigating commissioner. Presented 24th January, 1913.—*Mr. Robb*.. .. .. *Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61*ssss.* Return to an Address to His Royal Highness the Governor General of the 11th December, 1912, for a copy of all papers, documents, orders in council, telegrams, letters, &c., relating to the dismissal from office of Lemuel Bent, late Collector of Customs at Oxford, N.S. Presented 24th January 1913.—*Mr. Maclean (Halifax).* *Not printed.*

61*tttt.* Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Pascal Poirier, Collector of Customs at Descouse, Richmond County, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin in regard to the same and a detailed statement of the expenses of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 24th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*uuuu.* Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, letters, telegrams, reports and other documents concerning the dismissal of Donald J. Hachey, Collector of Customs at Bathurst, County of Gloucester, and the appointment of his successor. Presented 24th January, 1913.—*Mr. Turgeon* *Not printed.*

61*vvvv.* Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all correspondence, orders in council, and all other papers or documents in any way relating to the dismissal of John Maher, from the service of the Customs Department at Montreal. Presented 24th January, 1913.—*Mr. Murphy*.. .. ..*Not printed.*

61*wwww.* Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Peter Fougère, preventive and customs officer at Petit de Grat, Richmond county, N.S., and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same, and a detailed statement of the expenses of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 24th January, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61*xxxx.* Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of James Grantmyre, preventive officer at Little Bras D'or, N.S., in the riding of North Cape Breton and Victoria. Presented 24th January, 1913.—*Mr. McKenzie.* *Not printed.*

61*yyyy.* Return to an Order of the House of the 15th January, 1913, for a return showing all the employees on the Soulanges Canal who have been dismissed from their duties since the 21st September, 1911, by whom each of these employees has been replaced, and for what causes were they dismissed. Presented 27th January,1913.—*Mr. Beyer*.. .. ..*Not printed.*

61*zzzz.* Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Andrew Melville, locktender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Proulx*.. .. ..*Not printed.*

61*aaaaa.* Return to an Order of the House of 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of George Short, canal bridgetender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Guthrie*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61*bbbbb*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of N. Broderick, locktender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. McMillan*.. .. ..*Not printed.*

61*ccccc*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Thomas McLatchie, locktender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Graham*.. .. ..*Not printed.*

61*ddddd*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Elgin McLaughlin, locktender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Emmerson*.. .. ..*Not printed.*

61*eeeee*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Robert Robertson, locktender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Lemieux*.. .. ..*Not printed.*

61*fffff*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of William L. Gladstone, locktender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Pugsley*.. .. ..*Not printed.*

61*ggggg*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Byron VanCamp, locktender at Cardinal, Ontario. Presented 7th January, 1913.—*Mr. Murphy*.. .. ..*Not printed.*

61*hhhhh*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Samuel English, canal bridge tender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Carvell*.. .. ..*Not printed.*

61*iiiii*. Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Edward F. Moran, locktender at Cardinal, Ontario. Presented 27th January, 1913.—*Mr. Oliver*.. .. ..*Not printed.*

67*jjjjj*. Return to an Order of the House of the 9th December, 1912, for a copy of all letters correspondence, documents and reports relating to the dismissal of William R. Fougere, of Frankville, Antigonish County, N.S., a sectionman on the Intercolonial railway, and for a statement in detail of the expenses connected with the investigations of the charges against him. Presented 27th January, 1913.—*Mr. Chisholm (Antigonish)*. *Not printed.*

61*kkkkk*. Return to an Order of the House of the 9th December, 1912, for a copy of all letters, correspondence, documents and reports relating to the dismissal of John Melanson, of Afton, Antigonish County, N.S., a sectionman on the Intercolonial railway, and for a statement in detail of the expenses connected with the investigation of the charges against him. Presented 27th January, 1913.—*Mr. Chisholm (Antigonish)*. *Not printed.*

61*lllll*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Ronald D. McDonald, fishery overseer, at Broad Cove, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 27th January, 1913.—*Mr. Chisholm (Inverness)*. *Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

51*mmmmm*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John McLean, fishery officer at Gabarouse, Cape Breton South, N.S., and of evidence taken and reports of investigations held by H. P. Duchemin, in regard to the same. Presented 27th January, 1913.—*Mr. Carroll*.. .. ..*Not printed.*

61*nnnnn*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of A. R. Forbes, fishery overseer at North Sydney, Nova Scotia in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 27th January, 1913.—*Mr. McKenzie.* *Not printed.*

61*ooooo*. Return to an Order of the House of the 15th January, 1913, for a copy of all correspondence, letters, telegrams, complaints, petitions, and other documents concerning the dismissal of Sebastien Savoie, superintendent of the lobster hatchery at Shippigan, Gloucester County, N.B., and the appointment of his successor. Presented 27th January, 1913.—*Mr. Turgeon*.. .. ..*Not printed.*

61*ppppp*. Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of D. S. Hendsbee, weigher, reduction works, Canso, Guysborough County, N.S., and of all evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 27th January, 1913.—*Mr. Sinclair*.. .. ..*Not printed.*

61*qqqqq*. Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of M. Muce, lightkeeper at Cheticamp Island, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 29th January, 1913.—*Mr. Chisholm (Inverness)*.. .. .. ..*Not printed.*

61*rrrrr*. Return to an Order of the House of the 15th January, 1913, for a copy of all papers, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Dr. J. D. R. Williams, collector of canal tolls at Cardinal, Ontario, and of the appointment of his successor. Presented 30th January, 1913.—*Mr. McMillan*.. .. ..*Not printed.*

61*sssss*. Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of John W. Bohan, preventive officer at Bath, Carleton County, N.B. Presented 3rd February, 1913.—*Mr. Carvell*.. .. ..*Not printed.*

61*ttttt*. Return to an Order of the House of the 15th January, 1913, for a copy of all papers, documents, correspondence, &c., relating to the dismissal of J. V. Smith, sub-collector of customs at Wood's Harbour, Shelburne County, N.S. Presented 3rd February, 1913. —*Mr. Law*.. .. ..*Not printed.*

61*uuuuu*. Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of John Y. Fleming, customs officer at Debec, Carleton County, N.B. Presented 3rd February, 1913.—*Mr. Carvell*.. .. ..*Not printed.*

61*vvvvv*. Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of Matthias Meagher, preventive officer at Debec, Carleton County, N.B. Presented 3rd February, 1913.—*Mr. Carvell*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61*wwwww*. Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence, letters, telegrams, complaints, and of the evidence given at investigation, if one was held, relating to the dismissal of Mr. A. J. Gosselin, acting preventive officer of customs at St. Albans, Vermont, through the port of St. Armand, County of Missisquoi. Presented 4th February, 1913.—*Mr. Kay*.. .. ..*Not printed.*

61*xxxxx*. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, letters, telegrams, and petitions for and against the dismissal of James W. Bannon, preventive officer of customs at St. Agnes de Dundee, County of Huntingdon also a copy of the report of investigation and evidence, if any, submitted to investigating commissioner. Presented 4th February, 1913.—*Mr. Robb*.. .. ..*Not printed.*

61*yyyyy*. Return to an Order of the House of the 4th December, 1912, for a return showing the number of postmasters that have been dismissed in the County of Pictou since 1st October, 1911; the names of the postmasters who have been appointed to succeed them; the causes of the dismissals and all complaints and correspondence with respect to same, and of all reports of investigation where investigations have been held. Presented 4th February, 1913.—*Mr. Macdonald*.. .. ..*Not printed.*

61*zzzzz*. Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all correspondence, orders in council, and all other papers or documents in any way relating to the dismissal of James Murphy from the position of postmaster at Tweed, Ontario. Presented 4th February, 1913.—*Mr. Murphy*.. .. ..*Not printed.*

61 (6*a*). Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of H. B. Easton, immigration agent at Prescott, Ontario. Presented 4th February, 1913.—*Mr. Murphy*.. .. ..*Not printed.*

61 (6*b*). Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of B. Hughes, immigration agent at Prescott, Ontario. Presented 4th February, 1913.—*Mr. Oliver*.. .. ..*Not printed.*

61 (6*c*). Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of George Walsh, immigration agent at Prescott, Ontario. Presented 4th February, 1913.—*Mr. Oliver*.. .. ..*Not printed.*

61 (6*d*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of Newton S. Dow, immigration agent at McAdam Junction, York County, N.B. Presented 4th February, 1913.—*Mr. Carvell*.. .. ..*Not printed.*

61 (6*e*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of Oliver Hemphill, immigration agent at Debec, Carleton County, N.B. Presented 4th February, 1913.—*Mr. Carvell*.. .. ..*Not printed.*

61 (6*f*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Martin Johnston, preventive officer at Rea Islands, Richmond County, N.S Presented 6th February, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (6*g*). Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, letters, telegrams and other documents respecting the dismissal of J. E. Phaneuf, postmaster of St. Hugues, County of Bagot. Presented 6th February, 1913.—*Mr. Marcile*.. .. ..*Not printed*

61 (6*h*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Murdock McCutcheon, postmaster at Sonora, Guysborough County, N.S., and of all evidence taken and report of investigation held by Mr. H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 6th February, 1913.—*Mr. Sinclair*.. .. ..*Not printed*

61 (6*i*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Duncan Gillies, fishery overseer at Baddeck, C.B., in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 7th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (6*j*). Return to an Order of the House of the 9th December, 1912, for a copy of all complaints, accusations, correspondence, petitions and of all documents and reports respecting the dismissal of Antonio Leduc, postmaster of St. Timothée, in the County of Beauharnois and the appointment of his successor. Presented 7th February, 1913.—*Mr. Papineau*.. .. ..*Not printed.*

61 (6*k*). Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of the recommendation to council, the order in council, all correspondence with the government or any member thereof, and of all letters, documents and papers in any way connected with the dismissal of Charles Arthur Bowman from the engineering branch of the Department of Railways and Canals.—*Mr. Clark (Red Deer)*.. .. ..*Not printed.*

61 (6*l*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, evidence, reports, letters, correspondence, &c., relating to the dismissal of Elnathan D. Smith, fishery overseer, Shag Harbour, Shelburne County, N.S. Presented 11th February, 1913.—*Mr. Law*.. .. ..*Not printed.*

61 (6*m*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Donald McAulay, lightkeeper, Plaister, Baddeck Bay, C.B., riding of North Cape Breton and Victoria, and of the evidence taken and reports of investigation held by H. P. Duchemin in regard to the same, and a detailed statement of the expenses of such investigation. Presented 11th February, 1913.—*Mr. McKenzie.*
Not printed.

61 (6*n*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, letters, correspondence, &c., relating to the dismissal of John Fredericks, lightkeeper at East Jordan, Shelburne County, N.S. Presented 11th February, 1913.—*Mr. Law*.. .. ..*Not printed.*

61 (6*o*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, letters, correspondence, &c., relating to the dismissal of John Fredericks, wharfinger at East Jordan, Shelburne County, N.S. Presented 11th February, 1913.—*Mr. Law*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (6*p*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, letters, correspondence, &c., relating to the dismissal of John C Morrison, harbour master at Shelburne, N.S. Presented 11th February, 1913.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

61 (6*q*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Captain Roderick McDonald, tide waiter, at Big Bras D'Or, riding of North Cape Breton and Victoria, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin in regard to the same, and a detailed statement of the expenses of such investigation. Presented 11th February, 1913.—*Mr. McKenzie.*
Not printed.

61 (6*r*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of James Maloney, customs officer at Dingwall, riding of North Cape Breton and Victoria, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin in regard to the same, and a detailed statement of the expenses of such investigation. Presented 11th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (6*s*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Hugh D. McEachern, customs officer at north side East Bay, Cape Breton, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 11th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (6*t*)..Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, evidence, reports and correspondence relating to the dismissal of Thos. H. Hall, sub-collector of customs at Sheet Harbour, N.S. Presented 11th February, 1913.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

61(6*u*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of J. A. McNeil, customs officer at Grand Narrows, Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 11th February, 1913.—*Mr. McKenzie.*
Not printed.

61 (6*v*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of George Burchell, custom house officer at Sydney Mines, Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 11th February, 1913.—*Mr. McKenzie.*
Not printed.

61 (6*w*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of W. H. Saver, collector of customs at Cardinal, Ont., and the appointment of his successor. Presented 11th February, 1913.—*Mr. McMillan.*
Not printed.

CONTENTS OF VOLUME 27—*Continued.*

61 (6*x*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, telegrams and other documents relative to the dismissal of Captain George Livingstone, custom officer at Big Bras D'Or, Cape Breton, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same and a detailed statement of the expenses of such investigation. Presented 11th February, 1913.—*Mr. McKenzie.*
Not printed.

61 (*y*). Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, reports and other documents and papers relating to the dismissal of H. Lacasse, as postmaster at Wendover, County of Prescott, Ontario, and the appointment of his successor. Presented 13th February, 1913.—*Mr. Proulx.. ..Not printed*

61 (6*z*). Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence and other papers connected with the removal of Harry A. Drigg, from the position of postmaster at Grassey Lake, Alberta. Presented 13th February, 1913.—*Mr. Buchanan.. .. ..Not printed*

61 (7*a*). Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all papers, memoranda, orders in council, and correspondence relating to the dismissal of A. H. Stratton, late postmaster at Peterborough, Ont. Presented 17th February, 1913.—*Mr. Maclean (Halifax).*
Not printed

61 (7*b*). Return to an Order of the House of the 10th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Henry Burrell, postmaster, Yarmouth North, Yarmouth County, N.S., and the same information regarding the appointment of Henry Burrell's successor, and of the evidence taken and report of investigation held by Charles Lane in regard to the same, also a detailed statement of expenses of such investigation. Presented 18th February, 1913.—*Mr. Law.. .. ..Not printed.*

61 (7*c*). Return to an Order of the House of the 4th December, 1912, for a return showing all the postmasters dismissed by the present government in the County of Gloucester, the names of such persons, the reasons for their dismissal, nature of the charges made against them; also a copy of all correspondence connected with it, and reports of investigations in cases where such investigations were instituted. Presented 18th February, 1913.—*Mr. Turgeon.. .. ..Not printed.*

61 (7*d*). Return to an Order of the House of the 10th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Dr. Charles A. Webster, port physician at Yarmouth, County of Yarmouth, N.S., and the same information regarding the appointment of Dr. Webster's successor. Presented 18th February, 1913.—*Mr. Law.. .. ..Not printed*

61 (7*e*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, papers, charges and correspondence between the Department of Marine and Fisheries and all other persons, regarding the dismissal of Jos. Lord, keeper of lighthouses at Pointe à la Mule on the River Richelieu, Parish of St. Blaise, County of Saint Jean and Iberville and of all reports thereon with reference to the dismissal of the said Mr. Lord. Presented 19th February, 1913.—*Mr. Demers.. .. .. ..Not printed.*

61 (7*f*). Return to an Order of the House of the 15th January, 1913, for a copy of all correspondence, letters, telegrams and petitions concerning the dismissal of Henri Friolet, wharfinger at Caraquet, and Richard Southwood, wharfinger and agent of the Storm Signal Service at Bathurst, Gloucester County, N.B., and the appointment of their successors. Presented 19th February, 1913.—*Mr. Turgeon.. .. .. ..Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (7*g*)..Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, letters, telegrams, reports and other documents, respecting the removal of Joseph L. Robichaud, lighthouse keeper at Miscou, County of Gloucester, and the appointment of his successor; also of all correspondence respecting the engagement of the engineer of fog alarm system attached to that station, and the certificates required by the Minister of Marine, showing the competence of that engineer; with the names of the new keeper and of the said engineer and their ages. Presented 19th February, 1913.—*Mr. Turgeon*.. .. ..*Not printed.*

61 (7*h*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Captain Pope as lighthouse keeper at Scatarie, Cape Breton South, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same. Presented 19th February, 1913.—*Mr. Carroll*.. .. .. ..*Not printed*

61 (7*i*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Captain W. W. Lewis, as shipping master at Louisburg, Cape Breton South, Nova Scotia, and of evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same. Presented 19th February, 1913.—*Mr. Carroll.*
Not printed.

61 (7*j*). Return to an Order of the House of the 4th December, 1912, for a return showing the names of postmasters that have been dismissed in the County of Bonaventure since 1st October, 1911; the names of the postmasters who have been appointed to succeed them; the causes of the dismissals and a copy of all complaints and correspondence with respect to same, and of all reports of investigations where such have been held, with the reasons given for not holding any such investigation, when not held. Presented 19th February, 1913.—*Mr. Marcil*.. .. ..*Not printed*

61 (7*k*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of George Hines, lighthouse keeper at South Ingonish, riding of North Cape Breton and Victoria, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same, and a detailed statement of the expenses of such investigation. Presented 20th February, 1913.—*Mr. McKenzie*..*Not printed.*

61 (7*l*). Return to an Order of the House of the 15th January, 1913, for a return showing a list of the lighthouse keepers removed by the present government in the County of Two Mountains, the names of such persons, the reasons for their dismissal, the nature of the complaints made against them; also a copy of all correspondence and petitions relating thereto, and reports of inquiries in the cases, where such have been held; and also the names of their successors. Presented 20th February, 1913.—*Mr. Ethier*.. .. ..*Not printed.*

61 (7*m*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Archibald McDonald, preventive officer at Mull River, Inverness County, Nova Scotia. Presented 20th February, 1913.—*Mr. Chisholm (Inverness)*..*Not printed.*

61 (7*n*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, correspondence on file referring to the dismissal of Donald Chisholm, of Tracadie, in the County of Antigonish, as preventive officer. Presented 20th February, 1913.—*Mr. Chisholm (Antigonish)*... .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (7*o*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, telegrams, reports and other documents relative to the dismissal of Edward C. Humphreys, of Trenton, N.S., as an officer of the Inland Revenue Department and to the appointment of his successor. Presented 20th February, 1913.—*Mr. Macdonald.* *Not printed.*

61 (7*p*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of H. J. Fixott, port physician at Arichat, Richmond County, N.S. Presented 21st February, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61 (7*q*). Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, letters, telegrams and other documents relating to the dismissal of D. Morin as postmaster of St. Pie de Bagot, County of Bagot. Presented 21st February, 1913.—*Mr. Marcil (Bagot)*.. .. ..*Not printed.*

61 (7*r*). Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, investigations and papers generally concerning the dismissal of Ernest Paquin, postmaster of St. Cecile de Levrard, County of Nicolet. Presented 21st February, 1913.—*Mr. Lemieux*.. .. ..*Not printed.*

61 (7*s*). Return to an Address to His Royal Highness the Governor General of the 17th February, 1913, for a copy of all complaints and charges made against John R. McDonald, Indian agent at Heatherton, Antigonish County, of the recommendations to council and of the order in council made thereon, and of all letters, correspondence, and documents connected in any way with his dismissal. Presented 25th February, 1913.—*Mr. Chisholm (Antigonish)*... .. ..*Not printed.*

61 (7*t*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Joseph Day, customs officer at Little Bras D'Or, C.B., in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 25th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (7*u*). Return to an Address to His Royal Highness the Governor General of the 29th January, 1913, for a copy of all complaints against Duncan McLeod, appraiser of customs at Sherbrooke, Province of Quebec, of all information obtained as to his conduct through seizures of goods by special officers of customs and by investigation; of all reports of investigation; of the order in council dismissing said Duncan McLeod; and of all correspondence between him and the Department of Customs. Presented 25th February, 1913.—*Mr. McCrae*.. .. ..*Not printed.*

61 (7*v*). Return to an Order of the House of the 17th February, 1913, for a copy of all papers, letters, telegrams, evidence, &c., given at the investigation or investigations and of reports of such investigations, relating to the dismissal of Edouard D Chiasson, sub-collector of customs at Lamèque, Gloucester County, and the appointment of his successor. Presented 25th February, 1913.—*Mr. Turgeon*.. ..*Not printed.*

61 (7*w*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of George F. Briggs, customs officer at McAdam Junction, York County, N.B. Presented 25th February, 1913.—*Mr. Carvell*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (7*x*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of William A. Duan, lightkeeper at Green Island, Richmond County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 25th February, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61 (7*y*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, charges, correspondence, letters, telegrams and other documents relating to the dismissal of Thomas Cameron, preventive officer at Andover, N.B., and of the evidence taken and reports of investigation held by Mr. E. T. C. Knowles, in connection with the same. Presented 26th February, 1913.—*Mr. Michaud*.. .. ..*Not printed.*

61 (7*z*). Return to an Order of the House of the 29th January, 1913, for a copy of all complaints and charges made against Joseph McDonald, late of the customs office at Sydney, Cape Breton, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal and the appointment of his successor. Presented 26th February, 1913.—*Mr. Carroll*.. .. ..*Not printed.*

61 (8*a*). Return to an Order of the House of the 29th January, 1913, for a copy of all complaints and charges made against Angus McGillivray, late of customs office at Glace Bay, Cape Breton South, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal and the appointment of his successor. Presented 26th February, 1913.—*Mr. Carroll*.. .. ..*Not printed.*

61 (8*b*). Return to an Order of the House of the 3rd February, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Roderick Bain, boatman at New Campbellton, riding of North Cape Breton and Victoria, N.S., and of the evidence taken and reports of the investigation held by H. P. Duchemin, in regard to same, with a detailed statement of expenses of such investigation. Presented 26th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (8*c*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of W. A. Scott, lockmaster at Cardinal, Ontario, and of the appointment of his successor. Presented 27th February, 1913.—*Mr. McMillan.*
Not printed.

61 (8*d*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Bert Johnson, lockman at Nicholson, Ontario. Presented 27th February, 1913.—*Mr. Turgeon*.. .. ..*Not printed.*

61 (8*e*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of John Merrifield, lockmaster at Burritts Rapids, Ont., and the appointment of his successor. Presented 27th February, 1913.—*Mr. Chisholm.*
Not printed.

61 (8*f*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Neil Cummings, lockmaster at Cardinal, Ontario, and of the appointment of his successor. Presented 27th February, 1913.—*Mr. McMillan*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (8*g*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, papers, charges and correspondence between the Department of Railways and Canals and all other persons, regarding the dismissal of Mr. François Chagnon, lockkeeper at Saint Jean, County of Saint Jean and Iberville, and of all reports thereon with reference to the dismissal of the said Mr. Chagnon. Presented 27th February, 1913.—*Mr. Demers*.. .. ..*Not printed.*

61 (8*h*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Neil McNeil, bridge tender, Intercolonial railway, at Grand Narrows in the riding of North Cape Breton and Victoria. Presented 27th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (8*i*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Archibald McKenzie, sectionman, Intercolonial railway, at Grand Narrows, in the riding of North Cape Breton and Victoria. Presented 27th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (8*j*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of John Fraser, bridge tender, Intercolonial railway, at Grand Narrows, in the riding of North Cape Breton and Victoria. Presented 27th February, 1913.—*Mr. McKenzie*.. .. ..*Not printed.*

61 (8*k*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Demetrius Crozier, lockman at Merrickville, Ontario. Presented 27th February, 1913.—*Mr. Proulx*.. .. ..*Not printed.*

61 (8*l*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Patrick Cussuk, lockman at Merrickville, Ontario Presented 27th February, 1913.—*Mr. Michaud*.. .. ..*Not printed.*

61 (8*m*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Joseph H. Webster, lockman at Nicholson, Ontario. Presented 27th February, 1913.—*Mr. Pacaud*.. .. ..*Not printed.*

61 (8*n*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Cyrus O'Neil, lockman at Nicholson, Ontario. Presented 27th February, 1913.—*Mr. Kyte*... .. ..*Not printed.*

61 (8*o*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Michael Laughtin, bridgeman at Burritts Rapids, Ontario. Presented 27th February, 1913.—*Mr. Papineau*.. .. ..*Not printed.*

61 (8*p*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of John McKay, bridgeman at Becketts, Ontario. Presented 27th February, 1913.—*Mr. Lanctot*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (8*q*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Edward Proctor, lockman at Burritts Rapids, Ont. Presented 27th February, 1913.—*Mr. Neely*.. .. ..*Not printed.*

61 (8*r*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of William Morrison, lockman at Burritts Rapids, Ont. Presented 27th February, 1913.—*Mr. Cash*.. .. ..*Not printed.*

61 (8*s*). Return to an Order of the House of the 15th January, 1913, for a copy of all letters, documents, telegrams, reports, correspondence and recommendations in any way relating to the dismissal of Adam Henderson, bridgemaster at Cardinal, Ontario, and of the appointment of his successor. Presented 27th February, 1913.—*Mr. Murphy.* *Not printed.*

61 (8*t*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of James Feehan, fishery guardian or warden at Tracadie Harbour and Savage Harbour, Prince Edward Island. Presented 27th February, 1913.—*Mr. Hughes (Kings, P.E.I.)*.. .. ..*Not printed.*

61 (8*u*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of John C. McNeil, lighthouse keeper at Grand Narrows, in the riding of North Cape Breton and Victoria. Presented 27th February, 1913.—*Mr. McKenzie.* *Not printed.*

61 (8*v*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of A. A. Chisholm, fishery overseer at Margaree Forks, Inverness County, Nova Scotia. Presented 28th February, 1913.—*Mr. Chisholm (Inverness)*.. ..*Not printed.*

61 (8*w*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Charles E. Aucoin, collector of customs at Cheticamp, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by Mr. H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish).* *Not printed.*

61 (8*x*). Return to an Order of the House of the 17th February, 1913, for a copy of all complaints and charges made against Charles L. Gass, late postmaster at Bayfield, Antigonish County, of the evidence taken, if any, before Commissioner Duchemin, and of his report thereon and of all letters, telegrams and documents of every kind relating to his dismissal and the appointment of his successor. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61 (8*y*). Return to an Order of the House of the 17th February, 1913, for a copy of all letters and correspondence exchanged in reference to the dismissal of Cyprien Martin, of St. Basile, County of Madawaska, N.B., between the Department of Customs and the said Mr. Martin as preventive officer. Presented 28th February, 1913.—*Mr. Michaud*.. .. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (8*z*). Return to an Order of the House of the 9th December, 1912, for a copy of all complaints and charges made against Angus A. Boyd, postmaster at Boyd's post office, Antigonish County, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal, and the appointment of a successor. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61 (9*a*). Return to an Order of the House of the 9th December, 1912, for a copy of all complaints and charges made against John B. Macdonald, postmaster at Glasburn, Antigonish County, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal, and the appointment of a successor. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed*

61 (9*b*). Return to an Order of the House of the 9th December, 1912, for a copy of all complaints and charges made against Alex. G. Chisholm, postmaster at Ohio, Antigonish County, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal, and the appointment of a successor. Presented 28th February, 1913.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed*

61 (9*c*). Return to an Order of the House of the 9th December, 1912, for a copy of all complaints and charges made against John J. McLean, postmaster at Cross Roads, Ohio, Antigonish County, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal and the appointment of a successor. Presented 28th February, 1913.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed*

61 (9*d*). Return to an Order of the House of the 9th December, 1912, for a copy of all complaints and charges made against Dougald McDonald, postmaster at Doctors Brook, Antigonish County, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to his dismissal, and the appointment of his successor. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61 (9*e*). Return to an Order of the House of the 9th December, 1912, for a copy of all complaints and charges made against Dan. A. McInnes, postmaster at Georgeville, Antigonish County, Nova Scotia, and of all letters, telegrams, and correspondence relating in any way to his dismissal, and the appointment of his successor. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61 (9*f*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, letters, correspondence, telegrams and other documents relating to the dismissal of E. A. Asker, harbour master at Campbellton. Presented 3rd March, 1913.—*Mr. Reid (Restigouche)*.. .. ..*Not printed.*

61 (9*g*). Return to an Order of the House of the 10th February, 1913, for a copy of all papers, letters, documents and orders relative to the dismissal of Fred Shultz as caretaker of the armouries at Kentville, Nova Scotia, and of the appointment of William Shoop in his place and also for a statement of the stores in said armouries in the years 1910, 1911, 1912, respectively, and for a copy of all orders and regulations relative to the duties of such caretaker. Presented 3rd March, 1913.—*Mr. Macdonald. Not printed.*

61 (9*h*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Dr. Freeman O'Neil, from the Marine Hospital at Louisburg, Cape Breton South, N.S., and of evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same. Presented 10th March, 1913.—*Mr. Carroll..Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (9*i*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Leon N. Poirier, wharfinger at Descouse, Richmond County, N.S. Presented 10th March, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61 (9*j*). Return to an Order of the House of the 10th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Norman L. Trefry, shipping master at Yarmouth, County of Yarmouth, N.S., and the same information regarding the appointment of Mr. Trefry's successor Presented 10th March, 1913.—*Mr. Law*.. .. ..*Not printed.*

61 (9*k*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, documents, correspondence, &c., relating to the dismissal of James Amereault, lighthouse keeper at New Edinburgh, Digby County, N.S. Presented 10th March, 1913.—*Mr. McLean (Halifax)*.. .. ..*Not printed*

61 (9*l*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, evidence, reports, letters, correspondence, &c., relating to the dismissal of H. B. Manley, a clerk in the Dominion Lands Office at Saskatoon. Presented 10th March, 1913.—*Mr. McCraney*.. .. ..*Not printed.*

61 (9*m*). Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence, letters, telegrams, papers and other documents in connection with the dismissal of John Spicer, senior assistant of the Moosejaw Land Agency. Presented 10th March, 1913.—*Mr. Knowles*.. .. ..*Not printed.*

61 (9*n*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, letters, telegrams and other documents respecting the dismissal of Robert Pragnall from the position of agent of the Dominion Land Office at Swift Current and the appointment of his successor. Presented 10th March, 1913.—*Mr. Knowles.*
Not printed.

61 (9*o*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, evidence, reports, letters, correspondence, &c., relating to the dismissal of G. M. Ullyot, a clerk in the Dominion Lands Office at Saskatoon. Presented 10th March, 1913.—*Mr. McCraney*.. .. ..*Not printed.*

61 (9*p*). Return to an Order of the House of the 9th December, 1912, for a return showing the detail and number of dismissals from public offices by the present government to this date in the riding of Saskatoon, with the names of the dismissed occupants, the reasons for their dismissals, the complaints against such officials, and all correspondence with respect to the same, and of all reports of investigations, in case where such were held. Presented 17th March, 1913.—*Mr. McCraney*.. .. ..*Not printed*

61 (9*q*). Return to an Order of the House of the 17th February, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports, affidavits and other documents in the Department of Inland Revenue, respecting the dismissal of J. N. Poirier, Collector of Excise at Victoriaville, County of Arthabaska, and the names of the witnesses interested, with a copy of the evidence and a statement of expenses of the said inquiry. Presented 17th March, 1913.—*Mr. Brouillard*.. .. ..*Not printed.*

61 (9*r*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of John G. Morrison, fishery inspector at Englishtown, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 18th March, 1913.—*Mr. Kyte*.. .. ..*Not printed*

CONTENTS OF VOLUME 27—*Continued.*

61 (9*s*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Edward Landry, lightkeeper, Petite de Grat, Richmond County, N.S., and of all evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 18th March, 1913.—*Mr. Kyte*.. .. ..*Not printed.*

61 (9*t*). Return to an Order of the House of the 27th January, 1913, for a copy of all documents, petitions, letters, correspondence, inquiries and reports concerning the dismissal of Evariste Talbot, employed in the general freight office of the Intercolonial. Presented 18th March, 1913.—*Mr. Lapointe* (*Kamouraska*).....*Not printed*

61 (9*u*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Department of Railways or any department of the government, relating to the dismissal of Philip H. Ryan, an employee of the Intercolonial railway at Mulgrave, N.S., and if there was an investigation, the names of all witnesses examined, a copy of the evidence, and a detailed statement of the expenses of such investigation. Presented 18th March, 1913.—*Mr. Sinclair*..*Not printed.*

61 (9*v*). Return to an Order of the House of the 3rd February, 1913, for a return showing how many postmasters and other post office employees were removed from office respectively, from the 1st of July, 1896, to the 1st of October, 1911, and the number in each province; and from the 10th of October, 1911, up to date, with the number in each province; also the number of post offices in operation in each province on the 1st July, 1896. Presented 26th March, 1913.—*Mr. Rainville*.....*Not printed.*

61 (9*w*). Return to an Address to His Royal Highness the Governor General of the 3rd February, 1913, for a copy of all orders in council, and of all letters, telegrams, complaints, petitions and of all other documents of any kind, in the possession of the government, or of any department or official thereof, in any way relating to or concerning the dismissal of Dr. Clarence T. Campbell, post office inspector at London, Ontario. Presented 26th March, 1913.—*Mr. Ross*.....*Not printed.*

61 (9*x*). Return to an Order of the House of the 9th December, 1912, for a return showing the number of postmasters that have been dismissed in the County of Missisquoi since 1st October, 1911, the names of the postmasters who have been appointed to succeed them, the cause of the dismissals and a copy of all complaints and correspondence with respect to the same, and of all reports of investigations where such have been held. Presented 26th March, 1913.—*Mr. Kay*.....*Not printed.*

61 (9*y*). Return to an Order of the House of the 27th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Post Office Department, regarding any change in any post office or postmastership in Bonaventure County, between 5th December, 1912, up to date. Presented 26th March, 1913.—*Mr. Marcil* (*Bonaventure*).....*Not printed.*

61 (9*z*). Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all papers, documents, correspondence, orders in council, &c., relative to the dismissal of S. A. Johnson, late postmaster at Petite Rivière, Lunenburg County, N.S. Presented 26th March, 1913.—*Mr. MacLean* (*Halifax*).
Not printed.

CONTENTS OF VOLUME 27—*Continued.*

61 (10*a*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of Murdock McKenzie, postmaster at Millville Boulardarie, Nova Scotia, in the riding of North Cape Breton and Victoria. Presented 26th March, 1913.—*Mr. McKenzie* ....*Not printed.*

61 (10*b*). Return to an Order of the House of the 9th December, 1912, for a copy of all documents, correspondence and telegrams relating to the dismissal of James Stewart, postmaster at Middleton, Antigonish County, and the appointment of his successor. Presented 26th March, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed*

61 (10c). Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence, telegrams and reports relating to the dismissal of Lauchlin McNeil, postmaster at New France, County of Antigonish, and the appointment of his suc- Presented 26th March, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

61 (10*d*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of Frank Dunlop, postmaster at Groves Point, Nova Scotia, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expense of such investigation. Presented 26th March, 1913.—*Mr. McKenzie.*

Not printed.

61 (10*e*). Return to an Order of the House of the 10th December, 1912, for a copy of all letters, telegrams, complaints, petitions and other documents relating to the investigation of A. W. Salsman, postmaster at Middle Country Harbour, N.S., and to the appointment of his successor. Presented 26th March, 1913.—*Mr. Sinclair.*

Not printed.

61 (10*f*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Richard Conroy, postmaster at Cross Roads, County Harbour, Guysborough County, N.S., and of all evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 26th March, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (10*g*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Abner Carr, postmaster at St. Francis Harbour, Guysborough County, N.S., and of all evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of expenses of such investigation. Presented 26th March, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (10*h*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Parker Sangster, postmaster, Upper New Harbour, Guysborough County, NS., and of all evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 26th March, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (10*i*). Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all correspondence, orders in council and all other papers or documents in any way relating to the dismissal of Alexander Marion, from the position of postmaster at Rockland, Ontario. Presented 26th March, 1913.—*Mr. Murphy* ....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (10*j*). Return to an Order of the House of the 4th December, 1912, for a copy of the evidence taken and the report made by each commissioner appointed since 1st of November, 1911, to conduct an investigation into charges of offensive partizanship made against postmasters in the County of Russell. Presented 26th March, 1913.—*Mr. Murphy* .....*Not printed.*

61 (10*k*). Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, evidence, reports, findings and correspondence, relating to the dismissal of Mathew Boutilier, recently postmaster at Mushaboom, Halifax County, N.S. Presented 26th March, 1913.—*Mr. MacLean (Halifax)*.....*Not printed*

61 (10*l*). Return to an Order of the House of the 29th January, 1913, for a return showing the names of the postmasters in the County of Joliette, who have been dismissed from 1896 to September, 1911; their respective parishes; dates of their dismissals; the reasons alleged; whether an inquiry was made in each case; on whose recommendation in each case the dismissals were made; names of successors in each case, and on whose recommendation were they appointed. Presented 26th March, 1913.—*Mr. Guilbault.* *Not printed.*

61 (10*m*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, evidence, reports, letters, correspondence, &c., relating to the dismissal of T. Doane Crowell, postmaster at Shag Harbour, Shelburne County, N.S., and the appointment of his successor. Presented 26th March, 1913.—*Mr. Law.* *Not printed*

61 (10*n*). Return to an Order of the House of the 22nd January, 1913, for a return showing the postmasters who have been dismissed in the County of Vaudreuil, the dates of their appointment, the cause of their dismissal and by whom their dismissal was requested. Presented 26th March, 1913.—*Mr. Boyer*.....*Not printed.*

61 (10*o*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, documents, letters, correspondence, &c., relating to the dismissal of Mrs. Spinney, postmistress at Upper Port La Tour, Shelburne County, N.S. Presented 26th March, 1913.—*Mr. Law*.....*Not printed.*

61 (10*p*). Return to an Order of the House of the 29th January, 1913, for a return showing the number of postmasters dismissed in the County of Rimouski since 21st September, 1911, giving their names. Presented 26th March, 1913.—*Mr. Lapointe (Kamouraska)* .....*Not printed.*

61 (10*q*). Return to an Order of the House of the 4th December, 1912, for a return showing the detail and number of dismissals from public offices by the present government to this date in the riding of Wright, giving the names of the dismissed occupants, the reasons for their dismissal, the complaints against such officials, and a copy of all correspondence with respect to the same, with all reports of investigations where such were held. Presented 27th March, 1913.—*Mr. Devlin*.....*Not printed*

61 (10*r*). Return to an Order of the House of the 29th January, 9113, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John R. McLennan, janitor of the public building at Inverness Town, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by Mr. H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 28th March, 1913.—*Mr. Chisholm (Inverness)*.....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (10*s*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, and other documents relating to the dismissal of James Arbuckle, caretaker of the public buildings at Pictou, and the appointment of two successors in his stead. Presented 28th March, 1913.—*Mr. Macdonald*.....*Not printed.*

61 (10*t*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of Mary Dunlop, telegraph operator at Groves Point, Cape Breton County, Nova Scotia, in the riding of North Cape Breton and Victoria. Presented 28th March, 1913.—*Mr. McKenzie* .....*Not printed.*

61 (10*u*). Return to an Order of the House of the 4th December, 1912, for a return showing the foremen employed at the various public works in the County of Gloucester on the 21st of September, 1911, who have been dismissed since by the present administration, containing their names, reasons of dismissal, nature of the charges made against them, also a copy of all correspondence connected with the same and reports of inquiries, in cases where such inquiries have been instituted. Presented 28th March, 1913.—*Mr. Turgeon*..... .....*Not printed*

61 (10*v*). Return to an Order of the House of the 3rd February, 1913, for a copy of all letters, telegrams, papers and documents relative to the dismissal of Captain Lyons of the dredge *Northumberland*, and the appointment of his successor. Presented 28th March, 1913.—*Mr. Macdonald*..... .....*Not printed.*

61 (10*w*). Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all correspondence, orders in council and all other papers or documents in any way relating to the dismissal of James McCartin, from the position of inspector of the concrete work forming part of the contract for the construction of the The Plaza at the City of Ottawa Presented 28th March, 1913.—*Mr. Murphy* ....*Not printed.*

61 (10*x*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Robert C. Morrison, postmaster at St. Peters, Richmond County, N.S., and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation, together with a copy of all recommendations, letters, telegrams and other papers relating to the appointment of Mr. Morrison's successor. Presented 31st March, 1913.—*Mr. Kyte.* *Not printed*

61 (10*y*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of Richard Dugas, storm signal attendant at Alder Point, Nova Scotia, in the riding of North Capo Breton and Victoria. Presented 4th April, 1913.—*Mr. McKenzie.* *Not printed.*

61 (10*z*). Return to an Order of the House of the 20th January, 1913, for a return showing the names of all officials of the Marine and Fisheries Department who have been dismissed or removed in the County of Pictou, the reasons of the same, the evidence taken at any investigation held in regard to them, and the reports of said investigations, the names of their successors, and a copy of all letters, charges, complaints and recommendations from any person or persons in regard to the said removals or dismissals, or in regard to the appointment of their successors. Presented 4th April 1913.—*Mr. Macdonald*..... .....*Not printed*

CONTENTS OF VOLUME 27—*Continued.*

61 (11*a*). Return to an Order of the House of the 3rd March, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of William L. Munro, lightkeeper at White Head, Guysborough County, N.S., and of all evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 4th April, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (11*b*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, telegrams, correspondence, reports and documents touching the dismissals of Alexander R. McAdam as fishery officer for the County of Antigonish, N.S., and the appointment of his successor. Presented 4th April, 1913.—*Mr. Chisholm (Antigonish).* *Not printed.*

61 (11*c*). Return to an Order of the House of the 19th February, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Marine and Fisheries Department, or any department of the government, relating to the dismissal of Stephen C. Richard, lightkeeper at Charlos Cove, N.S., and if there was an investigation, the names of all witnesses examined, a copy of the evidence, and a detailed statement of the expenses of such investigation. Presented 4th April, 1913—*Mr. Sinclair*.....*Not printed.*

61 (11*d*). Supplementary to an Order of the House of the 7th February, 1912, for a return showing for each department of the government the names, post office addresses, offices, employment, and salaries of all persons employed either in the inside or outside service thereof, and of such persons not in the Civil Service, employed by the government in any department, on the tenth day of October, 1911, who have been removed from office or employment by dismissal; specifying in each case the manner of and grounds of such dismissals and the length of notice given to the persons removed, and also indicating in each case whether an inquiry was or was not held prior to such dismissal. Presented 7th April, 1913.—*Mr. Kyte*.....*Not printed.*

61 (11*e*). Return to an Order of the House of the 7th December, 1912, for a return showing the public officers removed by the present government in the district of Lotbinière, with the names and duties of such persons, the reasons of their dismissal. the nature of the complaints made against them, also a copy of all correspondence relating thereto and reports of inquiries in the cases where such inquiries have been held. Presented 9th April, 1913.—*Mr. Fortier*.....*Not printed*

61 (11*f*). Return to an Order of the House of the 29th January, 1913, for a copy of all complaints and charges made against Miss Gertie Lewis, as postmistress at Main-a dieu, Cape Breton South, N.S., and of all letters, telegrams and correspondence relating in any way to her dismissal and the appointment of a successor. Presented 9th April, 1913.—*Mr. Carroll* .....*Not printed.*

61 (11*g*). Return to an Order of the House of the 11th December, 1912, for a copy of all correspondence, letters, telegrams and other documents relating to the dismissal of John Taylor, late postmaster at Carnduff, Sask., and of all reports of investigation held, &c. Presented 9th April, 1913.—*Mr. Turriff*.....*Not printed.*

61 (11*h*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Frederick Mitchell, from the position of postmaster at Dominion, Cape Breton South, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same. Presented 9th April, 1913.—*Mr. Carroll.* *Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (11*i*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers, letters, telegrams and other correspondence relating to the dismissal of Thomas J. Sears, postmaster at Lochaber, N.S., and the appointment of his successor; of the evidence taken, and of the report thereon made by Commissioner Duchemin, on the charges, if any, made against the dismissed postmaster. Presented 9th April, 1913.—*Mr. Chisholm (Antigonish)*.. .. ..*Not printed.*

61 (11*j*). Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence, letters, telegrams, papers and other documents in connection with the dismissal of the postmaster at Alsask, Saskatchewan. Presented 9th April, 1913.—*Mr. Knowles*..... ....*Not printed*

61 (11*k*). Return to an Order of the House of the 3rd March, 1913, for a copy of all letters, telegrams, instructions and other papers and documents in the possession of the Department of Marine and Fisheries, or any officer thereof, relating to the dismissal or appointment of fishery guardians or fishery officers, in the County of Guysborough, N.S., bearing date since the 10th day of October, 1911. Presented 9th April, 1913.—*Mr. Sinclair*..... .....*Not printed*

61 (11*l*). Return to an Order of the House of the 11th December, 1912, for a copy of all complaints and charges made against John R. Morrison, postmaster at Oban, Richmond County, N.S., and of all letters, telegrams and correspondence relating in any way to his dismissal, and the appointment of a successor. Presented 14th April, 1913.—*Mr. Kyte*..... ....*Not printed.*

61 (11*m*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of A. G. McDonald, postmaster of North East Margaree, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 14th April, 1913.—*Mr. Chisholm (Inverness)*..*Not printed.*

61 (11*n*). Return to an Order of the House of the 9th December, 1912, for a return showing in detail the number of dismissals from public office by the present government to this date, in the constituency of Qu'Appelle, with the names of the dismissed officers, and the reason for their dismissal, the complaints against such officials and a copy of all correspondence, petitions, papers and documents with respect to the same, and of all notes of evidence and reports of investigations in cases where they have taken place. Presented 14th April, 1913.—*Mr. Thomson (Qu'Appelle)*.....*Not printed*

61 (11*o*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Department of Marine and Fisheries or any department of the government, relating to the dismissal of David Reid, fishery officer at Port Hilford, N.S., and if there was an investigation, the names of the witnesses examined, a copy of the evidence, and a detailed statement of the expenses of each investigation. Presented 15th April, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (11*p*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Robert Musgrave, postmaster at North Sydney, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 15th April, 1913.—*Mr. McKenzie*.....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (11*q*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of A. D. Archibald, postmaster at Glenelg, Guysborough County, N.S., and of all evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 15th April, 1913.—*Mr. Chisholm (Inverness)*.....*Not printed*

61 (11*r*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Leon N. Poirier, postmaster at Descouse, Richmond County, N.S., and of the evidence taken and of the reports of investigation held by H. P. Duchemin in regard to the same and a detailed statement of the expenss of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 15th April, 1913.—*Mr. Kyte*.....*Not printed.*

61 (11*s*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Norman McAskill, postmaster at Framboise, Richmond County, N.S., and of the evidence taken and of the report of investigation held by H. P. Duchemin in regard to the same, and a detailed statement of the expenses of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 15th April, 1913.—*Mr. Kyte*.....*Not printed.*

61 (11*t*). Return to an Order of the House of the 11th December, 1912, for a copy of all papers, documents and correspondence relating to the dismissal of A. T. Doucet, postmaster and collector of customs at Salmon River, Digby County, N.S. Presented 15th April, 1913.—*Mr. Maclean (Halifax)*.. .. ..*Not printed.*

61 (11*u*). Return to an Order of the House of the 29th January, 1913, for a copy of all complaints and charges made against Mrs. Annie Gallivan, as postmistress at Whitney Pier, Cape Breton South, Nova Scotia, and of all letters, telegrams and correspondence relating in any way to her dismissal and the appointment of a successor. Presented 15th April, 1913.—*Mr. Carroll*.....*Not printed.*

61 (11*v*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Wm. J. Paquet, postmaster at Souris, P.E.I. Presented 15th April, 1913.—*Mr. Hughes (Kings, P.E.I.)*.. .. ..*Not printed.*

61 (11*w*). Return to an Order of the House of the 27th January, 1913, for a copy of all documents, correspondence, petitions and recommendations, &c., relating to the dismissal of the postmaster at St. Anaclet, County of Rimouski, during the year 1912, and of the appointment of his successor. Presented 15th April, 1913.—*Mr. Lapointe (Kamouraska)*.. .. ..*Not printed*

61 (11*x*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of George Gunn, postmaster at French Village, Prince Edward Island. Presented 15th April, 1913.—*Mr. Hughes (Kings, P.E.I.)*.. .. ..*Not printed.*

61 (11*y*). Return to an Order of the House of the 4th December, 1912, for a return showing the detail and number of dismissals from public offices by the present government to this date in the riding of Mackenzie, together with the names of the dismissed occupants, the reasons for their dismissal, the complaints against such officials, and a copy of all correspondence with respect to the same, and of all reports of investigations, where any such were held. Presented 15th April, 1913.—*Mr. Cash*..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (11*z*). Return to an Order of the House of the 7th April, 1913, for a copy of all charges investigated by Commissioner W. J. Code, and also of the evidence taken and the report made by the said commissioner. Presented 16th April, 1913.—*Mr. Murphy.*
Not printed.

61 (12*a*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of D. F. McLean, fishery overseer at Port Hood, Inverness County, N.S., and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 16th April, 1913.—*Mr. Chisholm (Inverness).....Not printed*

61 (12*b*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of J. Scott Nelson, postmaster at Louisdale, Richmond County, N.S., and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same, and a detailed statement of the expenses of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 16th April, 1913. —*Mr. Kyte.....Not printed*

61 (12*c*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Joseph McMullen, from the post office at Bridgeport, Cape Breton South, Nova Scotia, and of evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same. Presented 16th April, 1913.—*Mr. Carroll....Not printed.*

61 (12*d*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Frederick A. Martell, postmaster at L'Ardoise, Richmond County, N.S., and of the evidence taken and of the reports of investigation held by H. P. Duchemin, in regard to the same, and a detailed statement of the expenses of such investigation; and a copy of all papers relating to the appointment of his successor. Presented 16th April, 1913.—*Mr. Kyte.....Not printed.*

61 (12*e*). Return to an Order of the House of the 11th December, 1912, for a copy of all representations, statements and complaints as to political activity made against John A. Macdonald, postmaster at McArras Brook, Antigonish County, and of all correspondence relating to the charges made against him and of the report of Commissioner Duchemin on said charges. Presented 16th April, 1913.—*Mr. Chisholm (Antigonish).....Not printed*

61 (12*f*). Return to an Address to His Royal Highness the Governor General of the 7th December, 1911, for a copy of all papers, correspondence and orders in council in connection with and relating to the dismissal from office of public officials from each of the departments of government since the 1st day of October last past, including both Inside and Outside Service. Presented 18th April, 1913.—*Mr. Carvell.....Not printed.*

61 (12*g*). Return to an Address to His Royal Highness the Governor General of the 3rd March, 1913, for a copy of all papers, documents, correspondence, evidence, order in council, &c., relative to the dismissal of Edward Doucett, sub-collector of customs, Digby County, N.S. Presented 21st April, 1913.—*Mr. McLean (Halifax).*
Not printed.

61 (12*h*). Return to an Address to His Royal Highness the Governor General of the 3rd March, 1913, for a copy of all papers, documents, correspondence, evidence, orders in council, &c., relative to the dismissal of Mr. LeBlanc, sub-collector of customs, Church Point, Digby County, N.S. Presented 21st April, 1913.—*Mr. McLean (Halifax).*
Not printed

CONTENTS OF VOLUME 27—*Continued.*

61 (12*i*). Return to an Order of the House of the 19th March, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John C. Bourinot, chief customs officer at Port Hawkesbury, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by Mr. H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 21st April, 1913.—*Mr. Chisholm (Inverness).*

Not printed.

61 (12*j*). Return to an Order of the House of the 31st March, 1913, for a copy of all charges, evidence, correspondence, letters and telegrams in the Department of Railways and Canals since the 21st day of September, 1911, relating to the dismissal of Alexander E. Morrison, Point Tupper, N.S., from the service of the Intercolonial railway, and of all recommendations for the appointment of his successor. Presented 21st April, 1913.—*Mr. Kyte*.. .. ..*Not printed*

61 (12*k*). Return to an Order of the House of the 3rd February, 1913, for a copy of all letters, telegrams, reports and other papers and documents received from the officers of the Canadian Brotherhood of Railway Employees, by the Department of Labour, or of the Department of Railways and Canals, between the 1st day of January, 1912, and the 25th day of January, 1913, relating to investigations and dismissals of employees for political partizanship, and of the replies thereto. Presented 22nd April, 1913.—*Mr. Sinclair*..... .....*Not printed.*

61 (12*l*). Return to an Order of the House of the 31st March, 1913, for a copy of all complaints and charges against James Falconer, of Newcastle, County of Northumberland, New Brunswick, as correspondent of the *Labour Gazette* at Newcastle, and of all letters, telegrams and other correspondence relating in any way to his dismissal and the appointment of a successor. Presented 22nd April, 1913.—*Mr. Loggie*..*Not printed.*

61 (12*m*). Return to an Order of the House of the 19th March, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John B. Chisholm, lightkeeper at Port Hastings, Inverness County, Nova Scotia, and the evidence taken and report of investigation held by Mr. H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 24th April, 1913.—*Mr. Chisholm (Inverness)*.....*Not printed.*

61 (12*n*). Return to an Order of the House of the 7th April, 1913, for a copy of all correspondence, telegrams, charges and other documents, relating to the dismissal of Epiphane Nadeau, immigration agent at St. Leonard, Victoria County, N.B. Presented 25th April, 1913.—*Mr. Michaud*.. .. ..*Not printed.*

61 (12*o*). Return to an Order of the House of the 31st March, 1913, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of D. J. Morrison, boatman in the customs service at Big Bras D'or, North Cape Breton and Victoria, N.S., and of the evidence taken and of reports of the investigation held by H. P. Duchemin, in regard to the same, with a detailed statement of expenses of such investigation. Presented 25th April, 1913.—*Mr. McKenzie.*

Not printed

61 (12*p*). Return to an Order of the House of the 31st March, 1913, for a copy of all charges, correspondence, letters, telegrams, and other documents relative to the dismissal of Rod McLeod, boatman in the customs service at Big Bras D'or, North Cape Breton and Victoria, N.S., and of the evidence taken and of reports of the investigation held by H. P. Duchemin, in regard to the same, with a detailed statement of expenses of such investigation. Presented 25th April, 1913.—*Mr. McKenzie.*

Not printed.

CONTENTS OF VOLUME 27—*Continued.*

61 (12*q*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of D. McLachlin, postmaster at Marble Mountain, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 25th April, 1913.—*Mr. Chisholm (Inverness).. .. ..Not printed.*

61 (12*r*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Abram LeBlanc, postmaster at West Arichat, Richmond County, N.S., and of the evidence taken and reports of investigation held by H. P. Duchemin in regard to the same and a detailed statement of the expenses of such investigation, and a copy of all papers relating to the appointment of his successor. Presented 25th April, 1913.—*Mr. Kyte..... .....Not printed.*

61 (12*s*). Return to an Order of the House of the 11th December, 1912, for a copy of all correspondence, letters, telegrams and other documents relating to the dismissal of Charles J. Lafford, postmaster at Grand Grove, Richmond County, N.S., and of all evidence taken and report of investigation held by H. P. Duchemin in regard to the same; also a detailed statement of the expenses of such investigation. Presented 25th April, 1913.—*Mr. Kyte..... .....Not printed*

61 (12*t*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of W. S. Lawrence, postmaster at Margrave Harbour, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 25th April, 1913.—*Mr Chisholm (Inverness).. .. ..Not printed.*

61 (12*u*). Return to an Order of the House of the 11th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John K. McDonald, postmaster at Whycocomagh, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 25th April, 1913.—*Mr. Chisholm (Inverness).....Not printed*

61 (12*v*). Return to an Order of the House of the 31st March, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Captain P. J. Wilcox, from the customs office at Louisburg, Cape Breton South, Nova Scotia, and of evidence taken and reports of investigations held by H. P. Duchemin, in regard to the same. Presented 29th April, 1913.—*Mr. Carroll.*

Not printed

61 (12*w*). Return to an Order of the House of the 31st March, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of M. J. McKennon, from the customs office at Glace Bay, Cape Breton South, Nova Scotia, and of evidence taken and reports of investigation held by H. P. Duchemin, in regard to the same. Presented 29th April, 1913.—*Mr. Carvell.....Not printed*

61 (12*x*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Captain John Arsenault, telegraph line repairer at Alder Point, Cape Breton, in the riding of North Cape Breton and Victoria, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to same, and a detailed statement of the expenses of such investigation. Presented 29th April, 1913.—*Mr. McKenzie.*

Not printed.

CONTENTS OF VOLUME 27—*Continued.*

61 (12*y*). Return to an Order of the House of the 9th December, 1912, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Mrs. John Arsenault, telegraph operator at Alder Point, N.S., in the riding of North Cape Breton and Victoria. Presented 2nd May, 1913.—*Mr. McKenzie.*
Not printed

61 (12*z*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Department of Railways and Canals or any department of the government, relating to the dismissal of A. J. Wilkinson, at Mulgrave, N.S and if there was an investigation, the names of all witnesses examined and a detailed statement of the expenses of such investigation. Presented 2nd May, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (13*a*). Charges made against Mr. H. A. Bayfield, superintendent of dredging, British Columbia.—(*Senate*).. .. ..*Not printed.*

61 (13*b*). Return to an Order of the House of the 31st March, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of H. G. McKay, lighthouse keeper at Bird Island, Big Bras D'or, North Cape Breton and Victoria, and of the evidence taken, and of reports of the investigation held by H. P. Duchemin, in regard to the same, with a detailed statement of expenses of such investigation. Presented 5th May, 1913.—*Mr. McKenzie*.....*Not printed.*

61 (13*c*). Return to an Order of the House of the 10th March, 1913, for a copy of all reports, charges, and correspondence in the office of the Department of Marine and Fisheries relating to charges of political partizanship against Michael O'Brien, lightkeeper at Bear Island, Richmond County, N.S., and of the instructions issued to H. P. Duchemin, commissioner, to investigate the same together with the Commissioner's report and finding thereon, and his expenses of holding such investigations. Presented 7th May, 1913.—*Mr. Kyte*.....*Not printed.*

61 (13*d*). Return to an Order of the House of the 17th February, 1913, for a copy of all correspondence, letters, telegrams, reports, recommendations and other documents bearing on or having relation to the dismissal of J. H. Leduc, as medical port officer of the port of Three Rivers, P.Q. Presented 7th May, 1913.—*Mr. Burcau*..*Not printed.*

61 (13*e*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Patrick Shea, postmaster at Tompkinsville, Guysborough County, N.S. Presented 7th May, 1913.—*Mr. Sinclair*.....*Not printed*

61 (13*f*). Return to an Order of the House of the 29th January, 1913, for a copy of all complaints and charges made against Elias Rawding, postmaster at Clementsport, Annapolis County, N.S., and of all letters, petitions, telegrams, and other correspondence relating in any way to his dismissal and the appointment of a successor. Presented 7th May, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (13*g*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Charles McLean, postmaster at Strathlorne, Inverness County, Nova Scotia Presented 7th May, 1913.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

61 (13*h*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Angus R. McDonald, postmaster at Broad Cove Chapel, Inverness County, Nova Scotia. Presented 7th May, 1913.—*Mr. Chisholm (Inverness)*.. ..*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (13*i*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of John McPhail, postmaster at Scotsville, Inverness County, Nova Scotia. Presented 7th May, 1913.—*Mr. Chisholm (Inverness)*.....*Not printed.*

61 (13*j*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, telegrams, complaints, petitions or other documents of any kind received by the government, or any member or official thereof, relating to the conduct of J. Morgan, one time postmaster of the village of Ailsa Craig, Ontario, as such, and relating to an investigation into said conduct. Presented 7th May, 1913.—*Mr. Ross.*
Not printed

61 (13*k*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Roderick McLean, postmaster at Kenlock, Inverness County, Nova Scotia. Presented 8th May, 1913.—*Mr. Chisholm (Inverness)*.....*Not printed*

61 (13*l*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Allan Gillis, postmaster at Gillisdale, South West Margaree, Inverness County, Nova Scotia. Presented 8th May, 1913.—*Mr. Chisholm (Inverness).*
Not printed.

61 (13*m*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of David Shaw, postmaster at Marsh Brook, North East Margaree, Inverness County, Nova Scotia. Presented 8th May, 1913.—*Mr. Chisholm (Inverness).*
Not printed.

61 (13*n*). Return to an Order of the House of the 29th January, 1913, for a copy of all papers concerning the investigation and dismissal of Helen Joubert, postmistress at Sayabec, Quebec. Presented 8th May, 1913.—*Mr. Lemieux*.....*Not printed.*

61 (13*o*). Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence, letters, and telegrams between the Honourable Postmaster General or the Post Office Department, and any person or persons, relative to the dismissal or the request therefor of D. A. Redmond, until recently postmaster at Brinston, Ontario. Presented 8th May, 1913.—*Mr. Graham*.....*Not printed.*

61 (13*p*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Dan. McEachern, postmaster at McEachern's Mills, Broad Cove Chapel, Inverness County, Nova Scotia. Presented 8th May, 1913.—*Mr. Chisholm (Inverness).*
Not printed.

61 (13*q*). Return to an Order of the House of the 3rd February, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Daniel Dunlop, postmaster at New Campbellton, riding of North Cape Breton and Victoria, N.S., and of the evidence taken and reports of the investigation held by H. P. Duchemin, in regard to same, with a detailed statement of expense of such investigation. Presented 8th May, 1913.—*Mr. McKenzie*.....*Not printed.*

61 (13*r*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of Arthur Armstrong, postmaster at Greenfield, Carleton County, N.B. Presented 8th May, 1913.—*Mr. Carvell*.....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (13*s*). Return to an Order of the House of the 3rd February, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relative to the dismissal of Alex. Matheson, postmaster at Boulardarie Centre, north riding Cape Breton and Victoria. Presented 8th May, 1913.—*Mr. McKenzie*.....*Not printed.*

61 (13*t*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Arthur Talbot, late postmaster at Robertsville, County of Megantic, Province of Quebec. Presented 8th May, 1913.—*Mr. Pacaud*.....*Not printed.*

61 (13*u*). Dismissal of N. C. Lyster, late postmaster at Lloydminster, Sask.—(*Senate*). *Not printed.*

61 (13*v*). Return to an Order of the House of the 2nd April, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of Mrs. Maggie Cameron, postmistress at Achosnach, Inverness County, Nova Scotia. Presented 9th May, 1913.—*Mr. Chisholm (Inverness)*.. .. .. ..*Not printed.*

61 (13*w*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of David Fraser, postmaster at North East Margaree, Inverness County, Nova Scotia. Presented 9th May, 1913.—*Mr. Chisholm (Inverness)*.. .. .. ..*Not printed.*

61 (13*x*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal and retention of W. Stayley Porter, postmaster, Port Maitland, Yarmouth County, N.S., and of the evidence taken and report of investigation held by Charles Lane, in regard to the same; also a detailed statement of expenses of such investigation. Presented 9th May, 1913.—*Mr. Law*.....*Not printed*

61 (13*y*). Return to an Order of the House of the 29th January, 1913, for a copy of all charges, telegrams and other documents relating to the dismissal of Alex. McQueen, postmaster at Kowstoke, Inverness County, Nova Scotia, and of the evidence taken and report of investigation held by H. P. Duchemin, in regard to the same; also a detailed statement of the expenses of such investigation. Presented 9th May, 1913.—*Mr. Chisholm (Inverness)* .. ..*Not printed.*

61 (13*z*). Return to an Order of the House of the 3rd February, 1913, for a return showing the number of employees of the Department of Public Works who have been dismissed in the County of Berthier since the 21st September, 1911, giving the names of the said employees; if an inquiry was held in each case; on whose recommendation, in each case, these dismissals were made; the names of those appointed successors to these persons and on whose recommendation. Presented 12th May, 1913.—*Mr. Beland*. *Not printed.*

61 (14*a*). Return to an Order of the House of the 10th February, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents in connection with the dismissal and retention of Jesse L. Morton, postmaster at Lower Argyle, N.S., and of the evidence taken and report of the investigation held by Mr. Lane, in regard to the same, also a detailed statement of the expenses of such investigation. Presented 20th May, 1913.—*Mr. Law*.....*Not printed*

61 (14*b*). Return to an Order of the House of the 10th February, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents in connection with the dismissal of Mrs. M. C. Gaudet, postmistress at West Pubnico, Yarmouth County, N.S., and of the evidence taken and report of the investigation held by Mr. Lane, in regard to same, and also a detailed statement of the expenses of such investigation Presented 20th May, 1913.—*Mr. Law*.....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

61 (14*e*). Return to an Order of the House of the 28th April, 1913, for a copy of all charges, correspondence, telegrams, and other documents relative to the dismissal of John P. McKinnon, section foreman on the Intercolonial railway at Shubenacadie, in the riding of North Cape Breton and Victoria, N.S. Presented 20th May, 1913.—*Mr McKenzie*..... .....*Not printed.*

61 (14*d*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of Mary A. Bohan, as postmistress at Bath, Carleton County, N.B. Presented 21st May, 1913.—*Mr. Carvell*..... .....*Not printed.*

61 (14*e*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of Edward Lafferty, postmaster at Benton, Carleton County, N.B. Presented 21st May, 1913.—*Mr. Carvell* .....*Not printed.*

61 (14*f*). Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, telegrams, evidence and other documents regarding the dismissal of Dennis McGaffigan, postmaster at Florenceville, Carleton County, N.B. Presented 21st May, 1913.—*Mr. Carvell*..... .....*Not printed.*

61 (14*g*). Return to an Order of the House of the 27th January, 1913, for a copy of all correspondence and documents bearing upon any change made or asked for in the employees of the Department of Marine and Fisheries in the County of Bonaventure between 5th December, 1912, up to date. Presented 27th May, 1913.—*Mr. Marcil (Bonaventure)*.. .. ..*Not printed.*

61 (14*h*). Return to an Order of the House of the 15th January, 1913, for a copy of all charges, correspondence, letters, telegrams and other documents relating to the dismissal of J. A. McKenzie, postmaster at Ashfield, Inverness County, N.S. Presented 2nd June, 1913.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

61 (14*i*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, reports and other papers and documents in the possession of the Post Office Department, or any department of the government, relating to the dismissal of James Bowles, postmaster at Alder River, N.S., and if there was an investigation, the names of all the witnesses examined, a copy of the evidence, and a detailed statement of the expense of such investigation. Presented 2nd June, 1913.—*Mr. Sinclair*..... .....*Not printed.*

61 (14*j*). Return to an Order of the House of the 21st April, 1913, for a copy of all correspondence, complaints, reports, recommendations, petitions, certificates and other documents relating to the dismissal of Mr. Edmund Lacroix, as postmaster of the Parish of St. Joseph du Lac, County of Two Mountains, and the appointment of Rodrique Larocque, of the same place as postmaster. Presented 2nd June, 1913.—*Mr. Ethier*..... .....*Not printed*

61 (14*k*). Return to an Order of the House of the 23th May, 1913, for a copy of all papers, letters, documents, reports and inquiry, relating to the lighthouse keeper of the Parish of Repentigny, County of L'Assomption. Presented 3rd June, 1913.—Mr. *Seguin*..... ....*Not printed.*

61 (14*l*). Return to an Order of the House of the 16th April, 1913, for a copy of all papers, documents, evidence, reports, &c., relating to the dismissal of B. C. Kanock, late shipping master at Lunenburg, N.S. Presented 4th June, 1913.—*Mr. McLean (Halifax)*. *Not printed.*

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61 (14*m*). Return to an Order of the House of the 3rd March, 1913, for a copy of all complaints, accusations, correspondence, petitions and telegrams, respecting the dismissal of Ulric Thibaudeau, agent for pilots at Quebec, and of all documents respecting the appointment of his successor, such as petitions, letters of recommendation, &c., and of the evidence and report made after the inquiry held by the inquiring commissioner; and also a detailed statement of the expenses caused by this inquiry. Presented 4th June, 1913.—*Mr. Delisle*.....*Not printed.*

61 (14*n*). Supplementary return to an Order of the House of the 20th January, 1913, for a return showing the names of all officials of the Marine and Fisheries Department who have been dismissed or removed in the County of Pictou, the reasons of the same, the evidence taken at any investigation held in regard to them, and the reports of said investigations, the names of their successors, and a copy of all letters, charges, complaints and recommendations from any person or persons in regard to the said removals or dismissals, or in regard to the appointment of their successors. Presented 4th June, 1913.—*Mr. Macdonald*.....*Not printed.*

61 (14*o*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Post Office Department, or any department of the government relating to the dismissal of Captain Freeman Myers, postmaster at Cole Harbour, Guysborough County, N.S., and if there was an investigation, the names of all witnesses examined, a copy of the evidence, and a detailed statement of the expenses of such investigation. Presented 4th June, 1913.—*Mr. Sinclair.*

Not printed

61 (14*p*). Return to an Order of the House of the 4th December, 1912, for a return showing all public officers removed by the present government in the district of St. James, Montreal, together with the names and duties of such persons, the reasons of their dismissal, the nature of the complaints brought against them, and a copy of all correspondence relating thereto, and of reports of inquiries in the cases where such have been held. Presented 4th June, 1913.—*Mr. Lapointe (Montreal)*.....*Not printed*

61 (14*q*). Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a return showing all the employees of the Dominion government in the constituency of Edmonton, dismissed between 10th of October, 1911, and 21st of November, 1912, the salary being paid to such employee at the time of his dismissal, together with a copy of all correspondence, recommendations to council, orders in council, and all other papers or documents in any way connected with such dismissals. Presented 4th June, 1913.—*Mr. Oliver*.....*Not printed.*

61 (14*r*). Return to an Order of the House of the 4th December, 1912, for a return showing the names of all officials in the district of Sunbury and Queens, who have been dismissed or removed from office since September, 1911, the reason for such dismissal or removal, the evidence taken at any investigation held in regard to them, the reports upon such investigations, the name of any successor appointed in place of dismissed officials, and a copy of all letters, charges, complaints and recommendations in regard to the said removals or dismissals, or in regard to the appointment of their successors. Presented 4th June, 1913.—*Mr. McLean (Sunbury)*.....*Not printed.*

61 (14*s*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Department of Marine and Fisheries, or any department of the government relating to the dismissal of Levi Munroe, harbour master at

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White Head, N.S., and if there was an investigation, the names of all witnesses examined, a copy of the evidence, and a detailed statement of the expenses of such investigation. Presented 4th June, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (14*t*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Post Office Department, or any department of the government, relating to the dismissal of Stanford Langley, postmaster at Isaac Harbour North, N.S., and if there was an investigation the names of all witnesses examined, a copy of the evidence, and a detailed statement of the expenses of such investigation. Presented 5th June, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (14*u*). Return to an Order of the House of the 24th February, 1913, for a copy of all letters, telegrams, correspondence, charges, evidence, reports, and other documents relating to the dismissal of Hugh R. McAdam as postmaster at Arisaig, N.S., and the appointment of Reverend Daniel L. Macdonald as his successor. Presented 5th June, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

61 (14*v*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Post Office Department, or any department of the government, relating to the proposed dismissal of J. J. McNeil, at Grant's Lake, N.S., and if there was an investigation, the names of the witnesses examined and a detailed statement of the expenses of such investigation. Presented 5th June, 1913.—*Mr. Sinclair*.....*Not printed.*

61 (14*w*). Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, evidence, reports and other papers and documents in the possession of the Department of Railways and Canals, or any department of the government, relating to the dismissal of Alex. McInnis, car inspector of the Intercolonial railway at Mulgrave, N.S., and if there was an investigation, the names of all witnesses examined, a copy of the evidence, and a detailed statement of the expenses of such investigation. Presented 6th June, 1913.—*Mr. Sinclair*..*Not printed.*

61 (14*x*). Return to an Order of the House of the 28th April, 1913, for a copy of all charges, correspondence, telegrams, and other documents relative to the dismissal of Archibald McDonald, bridge tender on the Intercolonial railway at Grand Narrows, Iona, riding of North Cape Breton and Victoria, N.S. Presented 6th June, 1913.—*Mr. McKenzie*.....*Not printed.*

61 (14*y*). Names of all officials dismissed in Shelburne and Queens from 1st December, 1896. —(*Senate*).....*Not printed.*

62. Return to an Order of the House of the 4th December, 1912, for a return showing the number of all contracts cancelled in the County of Bonaventure since the 1st of October, 1911; the names of the contractors, the prices paid to them, the reasons for the cancellation in each case; and a copy of any investigations and reports had into the causes of such cancellations, the names of the new contractors and the prices paid to them in each case. Presented 14th January, 1913.—*Mr. Marcil (Bonaventure)*. *Not printed.*

62*a*. Return to an Order of the House of the 5th December, 1912, for a return showing the number of rural mail delivery routes that have been established in Canada since the 1st January, 1912, in each province and county, respectively. Presented 14th January, 1913.—*Mr. Lemieux*.....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

62*b*. Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence, letters, telegrams, complaints and other documents relating to the cancelling of the contract for conveying His Majesty's mails, entered into on the 1st day of January, 1912, between the Honourable Postmaster General and Mr. J. C. Beeman, of Guthrie, County of Missisquoi; together with the reason for the cancellation of this contract, the price paid to Mr. Beeman, the name of the present contractor and the price paid to him. Presented by Hon. Mr. Pelletier.—*Mr. Kay*.....*Not printed.*

62*c* Return to an Order of the House of the 11th March, 1912, for a copy of all letters, requests, memorandums, tenders and other documents in the possession of the Post Office Department relating to the calling for tenders and the granting of the contract now in force for the carrying of the mail between Sorel and Ste. Victoire, County of Richelieu. Presented 20th January, 1913.—*Mr. Cardin*.....*Not printed.*

62*d*. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, letters, telegrams, tenders, bonds, agreements, contracts and other documents in the possession of the Post Office Department relating to the letting of the contract for carrying the mails between Heatherton and Guysborough, in the year 1912; and also relating to any temporary agreement entered into prior to the date of letting such contract. Presented 21st January, 1913.—*Mr. Sinclair*.....*Not printed*

62*e*. Return to an Order of the House of the 29th January, 1913, for a copy of all letters and other documents relating to the establishment of a rural mail service between Saltsprings and West River Station, in the County of Pictou, in the year 1912. Presented 17th February, 1913.—*Mr. Macdonald*.....*Not printed.*

62*f*. Return to an Order of the House of the 29th January, 1913, for a copy of all letters, and other documents relating to the establishment of a rural mail delivery service between Merigonish Station, County of Pictou, and Arisaig, in the County of Antigonish, in the year 1912. Presented 17th February, 1913.—*Mr. Macdonald.*
Not printed

62*g*. Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence, letters, telegrams and reports regarding the termination of H. D. Decoste's contract for carrying the mails between Linwood Station and Linwood post office and the making of a new contract with D. Delorey, from the 1st January, 1913. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

62*h*. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, complaints, recommendations, telegrams and reports bearing on the railway mail service in Bonaventure County from October, 1911, up to date, and on the appointment and dismissal of officers in such connection, with the names, residences, salaries and duties, as well as of all documents bearing on the suspension of the railway mail service during the period mentioned, as well as a copy of all documents referring to agreements made to meet such a contingency during the coming winter. Presented 25th March, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

62*i*. Return to an Order of the House of the 9th December, 1912, for a copy of all tenders received and the contracts entered into for the carrying of the mails between St. Andrew and Beauley, County of Antigonish, and of all letters, telegrams and correspondence on file in the Post Office Department containing any recommendation or advice regarding the awarding of such contract, or in any way referring thereto. Presented 26th March, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

62*j*. Return to an Order of the House of the 3rd February, 1913, for a return showing what changes, if any, have been made in the contracts for the carrying of the mails in the County of Berthier, since the 21st September, 1911; in what parishes, on what date, and for what reason; to whom have the new contracts been granted, and if a tender was asked for in each case. Presented 14th April, 1913.—*Mr. Béland.*
Not printed

62*k*. Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, bonds, reports and other papers and documents in the possession of the Post Office Department, or any department of the government, relating to the letting of the mail contract between Guysborough and Charlos Cove, County of Guysborough, N.S., during the year 1912. Presented 28th April, 1913.—*Mr. Sinclair.*
Not printed.

62*l*. Return to an Order of the House of the 14th April, 1913, showing the names of the various railway mail clerks employed, respectively, on the Montreal and Quebec divisions and the date of the appointment and residence of each. Presented 7th May, 1913.—*Mr. Bureau* .....*Not printed.*

62*m*. Return to an Order of the House of the 9th April, 1913, for a copy of the contract entered into by the Post Office Department with the Ontario Equipment Company of Ottawa relating to the purchase of locks for mail bags. Presented 7th May, 1913.—*Mr. Carvell* ....*Not printed.*

62*n*. Return to an Order of the House of the 7th April, 1913, for a copy of all correspondence, telegrams, &c., exchanged between the Honourable the Postmaster General and Dr. Faucher, of Quebec, concerning the purchase of a certain patented lock for mail bags. Presented 7th May, 1913.—*Mr. Lapointe (Kamouraska)*.. .. .. ..*Not printed.*

62*o*. Return to an Order of the House of the 7th April, 1913, for a copy of all correspondence, telegrams, &c., exchanged between the Honourable the Postmaster General and Mr. Aimé Dion, advocate of Quebec, concerning the purchase of a certain patented lock for mail bags. Presented 7th May, 1913.—*Mr. Verville*.....*Not printed.*

62*p*. Return to an Order of the House of the 29th January, 1913, for a copy of all letters, petitions, telegrams, complaints, reports, bonds of indemnity, and all other papers and documents in the possession of the Post Office Department, or any department of the government, relating to the contract for carrying the mails between Linwood or some point of the Intercolonial railway, County of Antigonish, N.S., and Grosvenor, County of Guysborough, N.S. Presented 9th May, 1913.—*Mr. Sinclair*....*Not printed.*

62*q*. Return to an Order of the House of the 24th April, 1913, for a return showing the full names of the mail carriers in the County of Vaudreuil and Soulanges; between what place they perform the service; the distance between each of these places; the amount of each carrier's contract, and the amount the government paid for the carriage of the mail in these different places before September, 1911. Presented 16th May, 1913.—*Mr. Boyer*.....*Not printed.*

62*r*. Return to an Order of the House of the 7th May, 1913, for a return showing the number of post offices in Yarmouth County, Nova Scotia, not served with daily mail, giving the names and the number of times per week served. Presented 20th May, 1913. —*Mr. Law*..... ..... *Not printed.*

62*s*. Return to an Address to His Excellency the Administrator of the 7th April, 1913, for a copy of all orders in council, reports of experts and contracts, in connection with

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the different purchases of rural mail delivery boxes made by the Post Office Department since 1908, until 1st January, 1912. Presented 21st May, 1913.—*Mr. Lemieux.* *Not printed.*

62*t*. Return to an Order of the House of the 12th May, 1913, for a return giving the names of the post offices and of the postmasters in the Counties of Soulanges and Vaudreuil. Presented 21st May, 1913.—*Mr. Boyer*.....*Not printed.*

62*u*. Return to an Order of the House of the 5th December, 1912, for a copy of all letters, telegrams, petitions and other documents relating to the establishment of rural mail delivery routes in the County of Picton since the 1st October, 1911, with a statement of all routes applied for, of routes established and of those refused, and the reason for their refusal. Presented 2nd June, 1913.—*Mr. Macdonald*.....*Not printed.*

62*v*. Return to an Order of the House of the 31st March, 1913, for a copy of all correspondence concerning the purchase of new locks for mail bags by the Post Office Department from the Ontario Equipment Company. Presented 4th June, 1913.—*Mr. Carrell.* *Not printed.*

62*w*. Return to an Order of the House of the 17th February, 1913, for a copy of all correspondence, letters, telegrams, memoranda, tenders, bonds and all other documents relative to the contract for the carrying of the mail between the post office and Canadian Pacific Railway station at Three Rivers and vice versa, since the eleventh day of October, 1911, to date. Presented 4th June, 1913.—*Mr. Tobin*.....*Not printed.*

62*x*. Return to an Order of the House of the 21st April, 1913, for a copy of all correspondence, telegrams, complaints, affidavits, reports, recommendations, requests, certificates, contracts and other documents relating to the cancelled contract of M. E. Bougie, for carrying the mails between the post office and railway station at Bromptonville, Quebec. Presented 4th June, 1913.—*Mr. Bureau*.....*Not printed.*

63. Return to an Order of the House of the 4th December, 1912, for a return showing all the new post offices opened in the County of Bonaventure, since October, 1911, up to date, and a copy of the correspondence in connection therewith, together with the names of such post offices and postmasters, and the location of such offices; and also a copy of all papers asking for such offices. Presented 14th January, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

64. Return to an Order of the House of the 9th December, 1912, for a copy of all petitions, correspondence, memoranda, recommendations and other papers or documents in the possession of the Department of Marine and Fisheries relating to the proposals to supply medicine or medical attendance free, or otherwise, to Canadian boat fishermen. Presented 14th January, 1913.—*Mr. Sinclair*.....*Not printed*

65. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, petitions, complaints, memoranda, reports and investigations regarding the service performed by the steamer *Canada*, owned by the Inter-Provincial Navigation Company of Fraserville, Quebec, since October, 1911, up to date, and also of all documents bearing on the present contract with the Department of Trade and Commerce, or the renewal or extension thereof. Presented 14th January, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed*

66. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, telegrams, letters, &c., relating to the matter of the establishment of a lobster hatchery at Spry Bay, Halifax County, N.S. Presented 14th January, 1913. —*Mr. Maclean (Halifax)*.....*Not printed.*

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67. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, telegrams, &c., between the Department of Trade and Commerce and any company, person or persons, relative to the continuance and payment of a subsidy towards a steamship service between St. John, N.B., and Bear River, N.S., for the fiscal year 1912, and performed during the fiscal year 1911. Presented 17th January 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

67*a*. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, documents, memoranda, letters, telegrams and documents bearing on a request for a subsidy for a steam service between Bonaventure, Quebec, or any other part of Bonaventure County and Bathurst, New Brunswick, or any other part of Gloucester County, New Brunswick, and between New Richmond, Quebec, and Dalhousie, New Brunswick, and between Carleton and Miguasha, Quebec, and Dalhousie, New Brunswick, or Campbellton, New Brunswick, or both, as well as a copy of all replies made for such subsidies and this since October, 1911, to date. Presented 14th January, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

67*b*. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all advertisements, tenders, contracts, orders in council memoranda, papers, letters and correspondence in any way relating to a subsidized steamship service between Canadian ports and any ports of the British West Indies, or any proposed improvement or extension of such steamship service since 1st November, 1911 to the present time. Presented 15th January, 1913.....*Not printed.*

67*c*. Return to an Order of the House of the 4th December, 1912, for a copy of all reports made by officials of the Department of Railways and Canals on the Quebec and Oriental railway, and the Atlantic, Quebec and Western railways, together with a statement of the subsidies paid such railways since October, 1911, up to date, and a copy of all correspondence in that connection. Presented 17th January, 1913.—*Mr Marcil (Bonaventure)*.....*Not printed*

67*d*. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence between the Minister of Railways or any other member of the government and any person regarding the acquisition by the government of Canada of the Quebec Oriental railway, formerly the Atlantic and Lake Superior railway, and the Atlantic, Quebec and Western railway, or both. Presented 27th January, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

67*e*. Return to an Order of the House of the 29th January, 1913, for a copy of the report made to the Minister of Railways and Canals by the party of government engineers who inspected the Quebec and Saguenay railway during December, 1912, January, 1913. Presented 27th February, 1913.—*Mr. Lemieux*.....*Not printed.*

67*f*. Return to an Order of the House of the 17th February, 1913, for a copy of all reports made by any engineers or accountants to the Minister of Railways and Canals on the usefulness of the Atlantic, Quebec and Western railway and the Quebec Oriental railway, to the Intercolonial railway as branch lines or feeders. Presented 27th February, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

67*g*. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all papers, documents, petitions, orders in Council, memoranda, correspondence, &c., by and between the government of Canada or any member thereof, and the government of the province of British Columbia, or any member thereof, since 1st May, 1912, relating to the subject to an increase of the provincial subsidy to the said province. Presented 16th April, 1913.—*Mr. Maclean (Halifax).*

Printed for sessional papers.

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67*h*. Return to an Address to His Royal Highness the Governor General of the 20th January, 1913, for a copy of all documents and memorials of the government of British Columbia presenting claims for additional provincial subsidies, and of all correspondence and orders in council on the same. Presented 16th April, 1913.—*Sir Wilfrid Laurier*.....*Printed for sessional papers.*

67*i*. Copy of agreement made with the several provinces as to the expenditure of the subsidies granted under the Agricultural Aid Act, and statement showing the purposes for which said subsidies are to be expended. Presented 6th June, 1913, by Hon. Mr. Burrell.....*Not printed.*

68. Copies of general orders promulgated to the militia for the period between 2nd November, 1911, and 5th November, 1911. Presented by Hon. Mr. Hughes, 14th January, 1913. *Not printed.*

69. Return to an Address to His Excellency the Right Honourable Sir Charles Fitzpatrick, P.C., &c., administrator, of the 31st March, 1913, for a copy of all papers, documents, petitions, letters, telegrams, orders in council and other papers and documents in possession of the Department of Customs, relating to the duty payable on twine used for fishing purposes, and especially relating to the construction placed upon item 682 of the Customs Tariff. Presented 23rd May, 1913.—*Mr. Sinclair*.....*Not printed.*

70. Return to an Order of the House of the 30th November, 1912, for a return showing:—

1. The date when the present Canadian Pure Food Act, now known as the Adulteration Act, R.S.C., was enacted.

2. What foods, beverages or drugs have standards of strength and purity under the Act been fixed, and what are the dates when such standards become operative.

3. What foods, beverages or drugs have standards of strength and purity been prepared and recommended from time to time by the chief analyst, which have not been put in force, and why were such standards not put in force.

4. How many cases of adulteration together with cases which show standards of quality below those required by the Adulteration Act, have been ascertained by the Dominion analyst since the said Act came into operation.

5. In how many of such cases did prosecutions under the Act or under the Criminal Code follow, and in how many cases were convictions secured. Presented 14th January, 1913.—*Mr. McDonnell*.....*Not printed.*

71. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, negotiations, proposals in writing and other papers and documents in the possession of the government, or any department thereof, relating to reciprocity in trade with the United States, bearing date between the 1st day of January, 1890, and the 31st day of December, 1892. Presented 14th January, 1913.—*Mr. Sinclair.* *Not printed*

72. Return to an Order of the House of the 4th December, 1912, for a copy of all letters, telegrams, &c., exchanged between the member for Bellechasse County and the Minister of Agriculture and the Postmaster General, concerning the appointment of an additional physician at the quarantine station of Grosse Ile. Presented 14th January, 1913.—*Mr. Lemieux*.....*Not printed.*

72*a*. Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, documents, recommendations and reports concerning the appointment of Doctor Pomminville, to the position of surgeon of the St. Vincent de Paul penitentiary, replacing Doctor A. Allaire. Presented 24th January, 1913.—*Mr. Wilson (Laval)*.....*Not printed.*

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72. Return to an Order of the House of the 10th December, 1912, for a copy of all letters, telegrams, correspondence and other documents relating to the appointment of Charles W. Hatfield, fishery officer on the Tusket River, Yarmouth County, N.S. Presented 27th January, 1913.—*Mr. Law*.....*Not printed.*

Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, letters, requests, telegrams and other documents relating to the appointment of Louis Nadeau as postmaster at Ste. Christine, County of Bagot. Presented 4th February, 1913.—*Mr. Marcil*.....*Not printed.*

i. Return to an Order of the House of the 29th January, 1913, for a copy of all orders letters, telegrams and other documents in connection with the appointment of Lt.-Col. Warburton, as administrative medical officer at the Charlottetown camp in 1912, and of all letters and telegrams asking for a change in the said appointment, and of all orders and other documents relating to his being superseded, and to the appointment of his junior, Lt.-Col. Jenkins, in his place. Presented 13th February, 1913.—*Mr. Macdonald*.....*Not printed.*

72*e*. Return to an Order of the House of the 27th January, 1913, for a copy of all documents, letters, correspondence, recommendations, reports, &c., relating to the appointment of Mr. J. Begin as manager of the experimental farm at Ste. Anne de la Pocatière. Presented 13th February, 1913.—*Mr. Lapointe (Kamouraska)*....*Not printed.*

72*f*. Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence exchanged between Dr. Marcotte, M. Lavallée, M.P., the Honourable the Postmaster General and the Minister of Agriculture, concerning the appointment of an additional medical officer at Grosse Isle quarantine station. Presented 19th February, 1913.—*Mr. Lemieux*.....*Not printed.*

72*g*. Return to an Order of the House of the 3rd March, 1913, for a copy of all letters, telegrams, recommendations and other papers in connection with the appointment of John Macdonald as Inspector of Inland Revenue for the Maritime Provinces, and of all letters, telegrams, applications, recommendations and other papers received from any other person or persons relative to the applications of other persons for the position. Presented 17th March, 1913.—*Mr. Macdonald*.....*Not printed.*

72*h*. Return to an Order of the House of the 17th February, 1913, for a copy of all letters, petitions, telegrams, recommendations and other papers and documents, in the possession of the Department of Marine and Fisheries, or any department of the government, relating to the appointment of F. W. Kelley, M.D., as port physician at Bridgewater, N.S. Presented 18th March, 1913.—*Mr. Law*.....*Not printed*

72*i*. Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a return showing all appointments to office under the Dominion government in the constituency of Edmonton from 10th October, 1911, to 21st November, 1912, with a statement of the salaries in each case, together with a copy of all correspondence, recommendation to council, orders in council, and all other papers or documents in any way connected with such appointments. Presented 28th March, 1913.—*Mr. Oliver*.....*Not printed.*

72*j*. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, recommendations, reports, memoranda and other documents bearing on the appointment of a general foreman, or other permanent or temporary officials, of the Department of Public Works in the County of Bonaventure since October, 1911, up to date, with the names, residences, duties and salaries of such appointees. Presented 2nd May, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

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72*k*. Appointment of Mr. McCloskie as postmaster at Waukau, British Columbia.—(*Senate*) *Not printed.*

73. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a return showing all changes made in the Customs Tariff of Canada by order in council since the close of last session of parliament. Presented 14th January, 1913..... .....*Not printed*

74. Return to an Order of the House of the 9th December, 1912, for a return showing the quantity and value of molasses of cane, as defined in tariff item No. 137a, imported into Canada for the fiscal year ending 31st March, 1912, from each island of the British West Indies, which are parties to the Canada-West India Trade Agreement. Presented 14th January, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

75. Letter of the Honourable F. D. Monk, M.P., to the Right Honourable the Prime Minister, resigning his position as Minister of Public Works, and the letter of the Prime Minister in acknowledgment thereof. Presented by Hon. Mr. Borden, 14th January, 1913..... .....*Not printed.*

75*a*. Return to an Order of the House of the 26th May, 1913, for a copy of all letters, reports, documents and all other communications relating to the appointment of Colonel Crowe as Commandant of the Royal Military College and to his resignation of said position, or to the extension of his term of service or to the termination thereof, and of all papers or letters passing between the minister and Colonel Crowe, relative to his resignation or the failure to extend his term of service. Presented 3rd June, 1913.—*Mr. Macdonald*.....*Not printed*

75*b*. Return to an Order of the House of the 26th May, 1913, for a copy of all letters, reports, complaints and other communications and documents which passed between General McKenzie and the Minister of Militia or his department, previous to, and which led up to the resignation of General McKenzie; and also a copy of said resignation, and the reply of the minister thereto, and of any and all communications had with the War Office thereto, and of all other papers and documents in connection therewith. Presented 4th June, 1913.—*Mr. Macdonald*.....*Not printed.*

76. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, letters, telegrams, complaints and reports, bearing on the delay in the payment of census enumerators in the County of Bonaventure, in connection with the last census, together with the names, residences, amounts, and dates of payment. Presented 15th January, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

77. Report of departmental commission on the official statistics of Canada. Presented 15th January, 1913 .....*Printed for distribution only.*

78. Return to an Order of the House of the 18th March, 1912, for a copy of all correspondence in the possession of the Postmaster General respecting the change of name of Broderick post office in the Province of Saskatchewan, to St. Aldwyn. Presented 15th January, 1913..... .....*Not printed.*

78*a*. Return to an Order of the House of the 30th November, 1911, for a copy of all papers, telegrams, letters, &c., between the Postmaster General and any other person respecting the closing or removal of the present post office at Spry Bay, Halifax County. Presented 20th January, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

79. Report of the commissioner Dominion Police Force, for the year 1912. Presented by Hon. Mr. Foster, 15th January, 1913.....*Not printed.*

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80. Return to an Order of the House of the 9th December, 1912, for a copy of all correspondence, complaints, reports and all documents relating to the cancelling of lease No. 1877S, consented to by the Honourable Minister of Railways and Canals, to Aurile Lebœuf, on the 12th December, 1910.—Presented 16th January, 1913.—*Mr. Papineau.*
Not printed

81. Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of all orders in council passed since 1st October, A.D. 1911, relating to the Board of Management of the Government Railways of Canada, or of any other member thereof, or in any way affecting the same, or any official of the Intercolonial Railway, as regards the duties to be performed or the powers to be exercised by the said Board or any member thereof, or by any such official, together with a copy of all recommendations, letters, applications, instructions, or other correspondence, in any manner relating thereto or having regard to the said orders in council as to the management of the Intercolonial railway. Presented 17th January, 1913.—*Mr. Emmerson*.....*Not printed*

81*a*. Return to an Address to His Royal Highness the Governor General of the 4th December, 1912, for a copy of a certain Order in Council issued during the current year by which certain official reports formerly made to Board of Management of the Intercolonial Railway have been ordered in future to be made to Mr. F. P. Brady. Presented 17th January, 1913.—*Mr. Sinclair*.....*Not printed.*

82. Return to an Order of the House of the 5th December, 1912, for a copy of all papers, including surveys, tenders, and every other record, or document in the possession of the Department of Railways and Canals or any other department of the government relating to the building of a line of railway from Estmere, County of Victoria, Province of Nova Scotia, to the town of Baddeck in the same county. Presented 17th January, 1913.—*Mr. McKenzie*.....*Not printed.*

83. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all documents, papers, tenders, contracts, orders in council and correspondence in connection with the supply of castings for and the purchase of scrap iron from the eastern division of the Intercolonial Railway since 1st May, 1912. Presented 17th January, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

83*a*. Return to an Order of the House of the 9th December, 1912, for a return showing the names of the employees on the dining cars of the Intercolonial Railway and the nature of their employment; and also of the employees on the Pullman cars of the Intercolonial Railway and the nature of their employment. Presented 17th January, 1913. —*Mr. Boulay*.....*Not printed.*

83*b*. Return to an Order of the House of the 9th December, 1912, for a copy of all papers documents, telegrams, letters, &c., relating to a strike of temporary employees of the Intercolonial Railway at Halifax, in August, 1912. Presented 27th January, 1913.—*Mr. Mclean (Halifax)*.....*Not printed.*

83*c*. Return to an Order of the House of the 10th December, 1912, for a copy of all evidence plans, reports, correspondence, &c., respecting an inquiry held concerning an accident on the Intercolonial Railway at St. André de Kamouraska on 7th October, 1912, caused by train No. 33, the maritime express going west. Presented 27th January, 1913.—*Mr. Lapointe (Kamouraska)*.....*Not printed.*

83*d*. Return to an Order of the House, of the 29th January, 1913, for a copy of the evidence taken at the inquiry held in the month of November, 1912, by Mr. MacDonald

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superintendent of the Intercolonial at Lévis, in reference to Alfred Laugnay, an employee of the Intercolonial at St. Charles, County of Bellechasse. Presented 27th February, 1913.—*Mr. Lapointe (Kamouraska)*.....*Not printed.*

83*e*. Return to an Order of the House of the 19th February, 1913, for a copy of all telegrams, letters, petitions, reports of engineers, plans, surveys, and other documents in the possession of the Department of Railways and Canals, and having been received since 1st January, 1912, relating to the construction of a branch line of the Intercolonial Railway into Guysborough County. Presented 18th March, 1913.—*Mr. Sinclair*.....*Not printed.*

83*f*. Return to an Order of the House of the 24th February, 1913, for a copy of all petitions, resolutions, letters, telegrams and correspondence, relating to free or reduced transportation of hay over the Intercolonial Railway for the farmers of Antigonish County, Nova Scotia, and also of the evidence taken and report made as to the shortage of hay in that and other of the eastern counties of Nova Scotia. Presented 18th March, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

83*g*. Return to an Order of the House of the 29th January, 1913, for a copy of all letters telegrams, tenders, acceptances of tenders, cancellation of tenders and other papers and documents in the possession of the Department of Railways and Canals, or any department of the government, bearing date after 1st July, 1912, relating to the supply of ice for the use of the Intercolonial Railway at Mulgrave, N.S. Presented 18th March, 1913.—*Mr. Sinclair*.....*Not printed.*

83*h*. Return to an Order of the House of the 12th February, 1913, for a copy of all letters, correspondence, petitions and other documents, on file in the Department of Railways and Canals, or in the office of the Intercolonial Railway at Moncton, relating or in any way appertaining to the new public wharf at Sackville, N.B., and the necessity of establishing in the interest of the traffic of the Intercolonial Railway, and of the shipping and trade facilities of Sackville, and of the commerce of communities adjacent thereto, rail connections between the said wharf and the main line of the said railways at Sackville station; also of all letters and other communications received by the chairman or vice-chairman of the Government Railways Managing Board, or by any official of the said railway, relating in any manner to the said subject, received by them or any of them during the years 1911, 1912 and 1913. Presented 19th March, 1913.—*Mr. Emmerson*.....*Not printed*

83*i*. Return to Order of the House of the 19th March, 1913, for a return showing who the tenderers were, and the amount of each tender for the supply of castings for the Intercolonial Railway during the present year. Presented 28th March, 1913.—*Mr. Macdonald*.....*Not printed.*

83*j*. Return to an Order of the House of the 19th March, 1913, for a return showing how many kegs of nails were purchased in 1912 for the Intercolonial Railway; the prices paid therefor in each case; whether tenders were invited in the case of each purchase and, if so, who the respective tenderers were and the prices submitted; to whom were the contracts awarded in each case. Presented 28th March, 1913.—*Mr. Murphy.*
Not printed.

83*k*. Return to an Order of the House of the 19th March, 1913, for a return showing the amounts received by the Intercolonial Railway for freight and passengers respectively for each of the twelve months of the calendar years 1910, 1911 and 1912, at the following stations:—Montreal, Halifax, St. John, Sydney, Truro, Moncton, New Glasgow

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and Amherst; also, the total receipts of the said railway for freight and passengers respectively during each of the said years. Presented 28th March, 1913.—*Mr. Rhodes.*
Not printed.

83*l*. Return to an Order of the House of the 20th January, 1913, for a copy of all letters correspondence, telegrams, representations, requests and reports on file in the Department of Railways and Canals, or in the offices of the Intercolonial Railway at Moncton, or among the records of the Government Railways Managing Board, or in the office of the assistant chairman of the Government Railways Managing Board, relating to or in any way connected with the water supply system at Dorchester station on the Intercolonial railway, or relating to the absence of and the total failure to provide a supply of water for drinking or other purposes at that station, or in connection with the dwelling of the station agent in the Station House; and also of all correspondence, letters, requests, recommendations and reports relating to the alleged necessity of additional clerical or other help or assistance at the station. Presented 21st April, 1913.—*Mr. Emmerson*.....*Not printed.*

83*m*. Return to an Order of the House of the 12th February, 1913, for a copy of all correspondence, letters, telegrams, reports and other papers on file in the Department of Railways and Canals, or in the offices of the Intercolonial Railway at Moncton, relating to M. L. Tracy, an employee of the mechanical department of the Intercolonial during the years 1899 and 1900, and of all letters and correspondence relating to the case of the said M. L. Tracy, passing between the then Minister of Railways and Canals and any of the officials of the railway, during those years; also a copy of the letters of D. Pottinger, then general manager, the late James E. Price, then general superintendent, and the late M. Jarvis, then a divisional superintendent of said railway, relating to the same subject during the said period of 1899 and 1900. Presented 21st April, 1913.—*Mr. Emmerson*.....*Not printed.*

83*n*. Return to an Order of the House of the 3rd March, 1913, for a statement of all amounts collected by the Intercolonial Railway for freight on hay carried from Amherst and other stations on the Intercolonial, County of Cumberland, to Antigonish, N.S., and consigned to C. Edgar Whidden or C. B. Whidden & Son, in the month of January last and February instant, and by whom such freight was paid; also a copy of all way bills and bills of lading for the same. Presented 21st April, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

83*o*. Return to an Order of the House of the 3rd February, 1913, for a copy of all letters petitions, telegrams, complaints, communications, reports and other papers and documents, received since the 1st day of October, 1911, by and now in the possession of the Department of Railways and Canals, the Government Railway Managing Board or any official of the Intercolonial Railway or of the Prince Edward Island railway, relating to or in any manner appertaining to an application for, or a proposed reduction of the working hours for the Intercolonial railway employees at Moncton, or at any other point of the Intercolonial railway or the Prince Edward Island railway. Presented 21st April, 1913.—*Mr. Emmerson*.....*Not printed.*

83*p*. Return to an Order of the House of the 24th February, 1913, for a copy of all complaints, requirements, requisitions, petitions, and correspondence of all kinds made by the Sydney, N.S., Board of Trade, or by the citizens of the city of Sydney, or any of them, having reference to better and increased facilities on the Intercolonial Railway on the Sydney division. Presented 21st April, 1913.—*Mr. Carroll.*
Not printed.

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83*q*. Return to an Order of the House of the 31st March, 1913, for a copy of all letters, papers and other documents relating to the claim for damages for the death of the young son of Thomas Hoare, who was killed at a crossing of the Intercolonial Railway in the town of Stellarton in the summer of 1912, and of all petitions, letters, and other papers asking for the placing of gates or other protection at said crossing. Presented 1st April, 1913.—*Mr. Macdonald*.....*Not printed.*

83*r*. Return to an Order of the House of the 14th April, 1913, for a copy of all correspondence exchanged between the Department of Railways and Canals at Moncton and the same department at Campbellton, on the subject of the collision which occurred at St. Moise, during the month of February, 1913, between the trains of E. Smith and the regular train No. 99, omitting from it the inquiry held in the matter. Presented 29th April, 1913.—*Mr. Boulay*.....*Not printed.*

83*s*. Return to an Order of the House of the 7th April, 1913, for a return showing the names, residences and occupations of all the employees of the Intercolonial Railway who have been dismissed in the County of Rimouski since the 21st September, 1911. Presented 29th April, 1913.—*Mr. Lapointe (Kamouraska)*.....*Not printed.*

83*t*. Certified copy of a report of the Privy Council of the 5th May, 1913, covering the appointment of Frederick Passmore Gutelius, as general manager of Government Railways. Presented by Hon. Mr. Cochrane, 7th May, 1913... .. .. ..*Not printed.*

83*u*. Return to an Order of the House of the 31st March, 1913, for a copy of all letters, memorials, petitions, correspondence, reports and other documents in the Department of the Postmaster General, or on file therein, relating or in any wise appertaining to the inauguration or establishing of railway mail facilities between Moncton, N.B., westward over the Intercolonial Railway towards St. John, in the morning, so as to furnish, among other things, opportunities for the transmission of newspapers and other mail matter, along said railway, to make morning connection with the railway mail facilities afforded by the railway from Salisbury, Westmorland County, N.B., running into Albert County, N.B.; and also relating to the establishment of railway mail facilities on each week day evening between Moncton eastward over the said railway by train known as number 84, running between Moncton, N.B., and Springhill Junction, Nova Scotia, thus affording the direct mail connection for newspapers and other mail matter each evening from Moncton to Shediac, Memramcook, Dorchester, Sackville, Amherst, and intermediate points east of Moncton; together with a statement showing what, if any, such railway mail facilities, either by locked bag or otherwise, were established or furnished over either of the said routes, and stating the respective dates when the same were so established or furnished generally, or in relation to any one of the newspapers published in Moncton, either in the morning or in the evening. Presented 12th May, 1913.—*Mr. Emmerson*.....*Not printed.*

83*v*. Return showing whether any contract has been made for the construction or supply of cars of any kind to the Intercolonial Railway since 1st January, 1913, and if so, to whom the contract was awarded; the number of cars, kind or class, and the price to be paid; whether any tenders were called for previous to awarding said contract, and if so, who the tenderers were, the amount of the tender in each case, and if tenders were calld for by private request or public advertisement. Presented 21st May, 1913. —*Mr. Macdonald*.....*Not printed.*

83*w*. Return to an Order of the House of the 28th April, 1913, for a return showing all amounts collected by the Intercolonial Railway for freight on hay shipped from Amherst and other stations on the Intercolonial, in the County of Cumberland, to Antigonish and other stations in the County of Antigonish, during the months of

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January, February and March last; the name of the consigners and of the consignees, the amount of freight paid on each shipment and by whom paid; also a copy of all way-bills and bills of lading for same. Presented 6th June, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

84. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all papers, documents, memoranda, orders in council, letters and correspondence, relating in any way to the closing of the Canadian Immigration Office at Boston, U.S.A., in 1911, and its subsequent re-establishment. Presented 17th January, 1913.—*Mr. McLean (Halifax)*.....*Not printed*

85. Copies of despatches dated 11th December, 1912, which have been addressed to the Governors General of the Commonwealth of Australia and the Union of South Africa and the Governors of New Zealand and Newfoundland, on the subject of representation of the self-governing Dominions on the Committee of Imperial Defence. Presented by Hon. Mr. Borden, 17th January, 1913.....*Not printed.*

86. Reports in connection with the Tides and Currents of Northumberland Strait.—(*Senate*).....*Not printed.*

87. Archives Branch, *re* transferring of from Department of Agriculture to Secretary of State.—(*Senate*).....*Not printed.*

88. Commission appointed to investigate Indian reserves of British Columbia.—(*Senate*). *Not printed.*

89. Insurance rates between Canadian Atlantic ports, and ports in the United Kingdom.—(*Senate*) .....*Printed for distribution and sessional papers.*

90. Report of departmental commission relating to official statistics of Canada.—(*Senate*). *Printe d for distribution only.*

91. Copy of the Sixth Joint Report of the Commissioners for the Demarcation of the Meridian of the 141st degree of west longitude. Presented by Hon. Mr. Roche, 21st January, 1913.....*Not printed.*

92. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, petitions, memoranda, correspondence, &c., with the Government of British Columbia or any member thereof, with the fishery officers of the Marine and Fisheries Department resident in said province, with salmon canneries in said province, and with any company, person or persons, relating to the prohibition of the export of sockeye salmon from the said province of British Columbia since 15th October, 1911. Presented 20th January, 1913.—*Mr. Maclean (Halifax)*....*Not printed.*

93. Return to an Order of the House of the 20th March, 1912, for a copy of all correspondence and memoranda on the subject of cable rates, exchanged between the Canadian Post Office Department and the British Post Office Department. Presented 20th January, 1913.—*Mr. Lemieux*.....*Not printed.*

94. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all papers, documents, letters, &c., between the Government of Canada and the Commonwealth of Australia for the past twelve months relative to the matter of preferential tariff arrangements between the said two countries. Presented 21st January, 1913.—*Mr. Maclean (Halifax)*..*Printed for sessional papers only.*

95. Report of Mr. Olivar Asselin on an investigation of Belgian and French emigration to Canada. Presented by Hon. Mr. Roche, 21st January, 1913.
Printed for distribution and sessional papers.

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95*a*. Return to an Order of the House of the 4th December, 1912, for a copy of all com plaints, letters, papers, reports, and of all documents bearing on the investigation held at Port Daniel West, Quebec, into the conduct of Edward Dea, as overseer or guardian of the lobster hatchery at that place. Presented 22nd January, 1913.—*Mr. Marcil* .....*Not printed.*

95*b*. Report of R. A. Pringle, Esq., K.C., in relation to the investigation of the wreck of the steamer *Mayflower*, on the 12th November, 1912. Presented by Hon. Mr. Hazen, 6th February, 1913.....*Not printed.*

95*c*. Return to an Address to His Royal Highness the Governor General of the 29th January, 1913, for a copy of the report of the commission appointed to investigate complaints against the United Shoe Machinery Company, together with the order in council appointing the commission, the complaints upon which the order was issued and all action, if any, taken by the government on report of commission, by order in council or otherwise. Presented 11th February, 1913.—*Sir Wilfrid Laurier.*
Not printed

95*d*. Return to an Order of the House of the 20th January, 1913, for a copy of all evidence, letters, telegrams and other documents in connection with the investigation into the stranding of the D. G. steamer *Earl Grey* at Toney River, County of Pictou, in the spring of 1912; of the reports of the commissioner investigating the same, and of all correspondence, telegrams and documents in connection therewith, and of any departmental action in connection therewith. Presented 18th March, 1913.—*Mr. Macdonald.*
Not printed

95*e*. Return to an Order of the House of the 27th January, 1913, for a copy of all letters, papers, evidence and other documents in connection with the investigation into the collision between the steamship *City of Sydney* and the tug boat *Douglas H. Thomas*, in Sydney Harbour, 13th November, 1912, and of the findings and reports of the commissioner holding the investigation in regard to the same. Presented 2nd April, 1913.—*Mr. Macdonald*.....*Not printed.*

96. Report of the Second International Moral Education Congress held at the Hague, 22nd to 27th of August, 1912, and as related thereto, on moral instruction in the Canadian public schools, &c., by Mr. J. A. M. Aikins, who was appointed by the government to represent Canada at that Congress. Presented by Hon. Mr. Borden, 21st January, 1913.....*Printed for distribution only.*

97. Return to an Order of the House of the 4th December, 1912, for a copy of all pay-lists, letters, documents, letters and other papers in connection with the expenditures at Cariboo Island in the County of Pictou. Presented 21st January, 1913.—*Mr Macdonald* .....*Not printed.*

98. Return to an Order of the House of the 22nd January, 1913, for a copy of all correspondence, letters and telegrams between the Minister of Marine and Fisheries, or any officer of his department, and J. A. Gillies, K.C., Sydney, relating to the purchase from John B. Nicholson, of a site for a salmon hatchery at Snidlope Lake, Richmond County, N.S., and also of all accounts, charges and vouchers received from the said J. A. Gillies, for services in connection therewith and the payments made to the said J. A. Gillies in respect of the same. Presented 7th February, 1913.—*Mr. Kyte.*
Not printed.

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99. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents and correspondence, between the Department of Public Works and any person or persons relating to the placing of obstructions in the waters of South West Cove, Lunenburg County, N.S. Presented 24th January, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

100. Return to an Order of the House of the 4th December, 1912, for a copy of all pay-lists, letters, documents, telegrams and other papers in connection with the expenditures at Skinner's Cove in the County of Pictou. Presented 24th January, 1913.—*Mr. Macdonald* .....*Not printed.*

101. Return to an Address to His Royal Highness the Governor General of the 22nd January, 1912, for a copy of all correspondence between the government of Canada and the government of the Province of Ontario, with regard to the extension of the boundaries of the said province. Presented 28th January, 1913.—*Sir Wilfrid Laurier.*
Not printed.

102. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, reports, and documents, bearing on the claim of C. R. Scoles, of New Carlisle, Quebec, to a balance of subsidy voted to the Atlantic and Lake Superior railway, since October, 1911, to date. Presented 24th January, 1913.—*Mr. Marcil.*
Not printed.

103. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, letters, telegrams, reports and other documents concerning an alleged defalcation in the accounts of Joseph J. Melanson, clerk in the customs office at Bathurst, County of Gloucester, which caused an inquiry to be held on the 23rd of October last by the Provincial Inspector of Customs, with the name of the accuser. Presented 24th January, 1913.—*Mr. Turgeon*.....*Not printed.*

104. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, letters and telegrams in the custody of the Department of Railways and Canals, or any other department of the government, between the 1st day of September, 1874, and the 1st day of September, 1879, relating to the acquisition or expropriation of lands at St. Peters, N.S., for canal purposes, and relating to the appointment of valuators to apprise the value of such lands; the instructions to such valuators, the report or reports of such valuators, the area of lands taken, and the price paid for same; and also the amount paid each valuator for his services. Presented 27th January, 1913.—*Mr. Kyte*.....*Not printed.*

105. Return to an Order of the House of the 4th December, 1912, for a copy of all the different freight tariffs in force on the line of railway from Matapedia, Quebec, to New Carlisle, Quebec, and from New Carlisle, to Gascons, Quebec, and vice versa, and of any requests that have been received in regard to the change in the same; and also a copy of any requests, petitions, letters, or other documents complaining of the said tariffs. Presented 27th January, 1913.—*Mr. Marcil (Bonaventure).*
Not printed.

105*a*. Return to an Order of the House of the 10th December, 1912, for a copy of the different freight tariffs in force on the line of railway from Sunny Brae to Ferrona Junction, on the Intercolonial Railway, and of any requests that have been received in regard to the change in the same, and also a copy of any requests, petitions, letters or other documents complaining of said tariff. Presented 27th January, 1913. —*Mr. Sinclair*.....*Not printed.*

CONTENTS OF VOLUME 27—*Continued.*

106. Return to an Order of the House of the 5th December, 1912, for a copy of the original instructions, including maps, specifications, profiles, &c., furnished the engineers on the eastern division of the Transcontinental railway between Winnipeg and Quebec by the chief engineer of the Transcontinental Commission, and approved by the Grand Trunk Pacific Railway Company. Also of all instructions, including specifications and profiles, issued by the chief engineer of the Transcontinental Commission or by the chairman, since 31st October, 1911, which in any way vary, amend, or depart from the original instructions above mentioned. Also, of all correspondence between the Minister of Railways or any official of his department and the chairman of the Transcontinental Commission, or the chief engineer, concerning the departure from the original instructions, either as to the grades, curves and bridges or other permanent structures. Also a copy of all correspondence between the Minister of Railways or any member of the government and any official of the Grand Trunk Pacific Railway Company referring to change of original instructions as regards grades, curves or permanent structures on the said line between Winnipeg and Quebec; and also of all correspondence between the chairman of the Transcontinental Commission or the chief engineer and any official of the Grand Trunk Pacific Railway Company, or any member of its engineering staff, concerning the proposed change of grades, curves, or other permanent structures on the line of the Transcontinental between Winnipeg and the City of Quebec. Presented 30th January, 1913—*Mr. Graham.*

Not printed.

106*a*. Return to an Order of the House of the 7th May, 1913, for a copy of a letter, dated 24th September, 1904, written by Chief Engineer Lumsden of the Transcontinental Commission to Chairman Wade of the same body, in which the former recommended to the latter certain grades on the Transcontinental railway. Presented 15th May, 1913.—*Mr. Graham*.....*Not printed.*

107. Return to an Order of the House of the 20th January, 1913, for a copy of all papers in connection with a claim of L. A. Sauvé to certain buildings at La Pointe des Cascades, on the Soulanges canal, and of all correspondence on the same. Presented 30th January, 1913.—*Sir Wilfrid Laurier*.....*Not printed.*

108. Return to an Order of the House of the 5th December, 1912, for a copy of the contract entered into between the Department of Railways and Canals and W. H. Weller for St. Peters canal improvements, and for a copy of all correspondence between the contractor or any other person, firm or corporation and the Honourable Minister of Railways and Canals relating to the dumping of material removed by the contractor. Presented 30th January, 1913.—*Mr. Kyte*.....*Not printed.*

108*a*. Return to an Order of the House of the 27th January, 1913, for a copy of all correspondence between the Department of Railways and Canals and C. D. Sargent, C.E., and between C. D. Sargent, C.E., and H. G. Stanton, Superintending Engineer of the St. Peters Canal, or between W. H. Weller, contractor for the St. Peters canal improvements, and either or all of said parties relative to work done by the contractor outside of his contract, and the specifications thereof, and also a copy of all correspondence, letters and telegrams between the Department of Railways and Canals or C. D. Sargent, C.E., and any other person, in regard to the same; and of all accounts and vouchers rendered by the contractor to the government of such work, and the payment made by the government to the contractor, specifying whether the same is paid for in full or otherwise. Presented 21st April, 1913.—*Mr. Kyte.*

Not printed.

108*b*. Return to an Order of the House of the 19th March, 1913, for a copy of the accounts of personal expenses paid to Mr. St. Amour, Superintendent of the Soulanges Canal,

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since he entered upon his duties.—Also return to an Order of the House of the 2nd April, 1913, for a copy of all accounts for personal expenses paid by the government to Mr. St. Amour, Superintendent of the Soulanges Canal, since the date of his appointment. Presented 29th April, 1913.—*Mr. Boyer*.....*Not printed.*

109. Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, letters, telegrams, petitions and other documents received since the 1st day of January, 1912, asking that the line of railway known as the Vale Road, should be taken over by the Intercolonial Railway. Presented 30th January, 1913.—*Mr. Macdonald*.....*Not printed.*

110. Return to an Order of the House of the 27th January, 1913, for a copy of all correspondence in connection with the issuing of letters patent to the Quebec Railway, Light, Heat and Power Company, Limited, and also said letters patent. Presented 30th January, 1913.—*Mr. Lemieux*.....*Not printed.*

111. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, correspondence, &c., between the Department of Trade and Commerce and Mr. Donnelly, late Canadian Trade Commissioner in Mexico, relating to the closing of the office of such trade commissioner in Mexico. Presented 3rd February, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

112. Return called for by Section 88 of Chapter 62, Revised Statutes of Canada, requiring that the Minister of the Interior shall lay before parliament, each year, a return of liquor brought from any place out of Canada into the territories by special permission in writing of the Commissioner of the Northwest Territories. Presented by Hon. Mr. Roche, 3rd February, 1913.....*Not printed.*

113. Return to an Order of the House of the 22nd January, 1913, for a copy of all letters, telegrams and other papers and documents, relating to the resignation of Lt.-Col. W. F. Moore, 20th Regiment, Halton Rifles, and also of the resignation and the reply thereto. Presented 6th February, 1913.—*Mr. Macdonald*.....*Not printed.*

114. Return to an Order of the House of the 20th January, 1913, for a copy of all letters, papers, telegrams and other documents in connection with the strike of firemen and other men employed on the D.G.S. *Earl Grey*, in the year 1912 and 1913. Presented 11th February, 1913.—*Mr. Macdonald*.....*Not printed.*

115. Return to an Order of the House of the 27th March, 1912, for a copy of all papers, letters and telegrams relating to the applications for, or the granting of, a lease of False Cove Flats, Vancouver, B.C. Presented 11th February, 1913.—*Mr. Macdonald.* *Not printed.*

116. Return to an Order of the House of the 27th January, 1913, for a copy of all correspondence and other papers in connection with a proposed guarantee of bonds to the Quebec and Saguenay railway. Presented 11th February, 1913.—*Mr. Lemieux*....*Not printed.*

116*a*. Return to an Order of the House of the 9th April, 1913, for a copy of all documents, including petitions, memorials, letters and telegrams, addressed to the government, or any of its members, urging it to take over and incorporate into the Canadian government railway system, the Quebec and Oriental Railway and the Atlantic, Quebec and Western Railway, with a copy of all the answers thereto. Presented 20th May, 1913. —*Mr. Marcil (Bonaventure)*.....*Not printed.*

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116*b*. Return to an Address to His Royal Highness the Governor General of the 11th December, 1912, for a copy of all orders in council in connection with the construction of a line of railway from St. John to Grand Falls in the Province of New Brunswick, or any portion thereof and also of all plans and profiles filed with the Department of Railways and Canals by the St. John and Quebec Railway Company, and of all correspondence between the Department of Railways and Canals or any official thereof and with the said company or the Government of the Province of New Brunswick, or any official thereof, with reference to the curves, grades or general specifications of the said railway or any portion thereof. Presented 20th May, 1913.—*Mr. Carvell.*
Not printed.

116*c*. Return to an Order of the House of the 28th April, 1913, for a copy of all memorials, petitions, letters, and other documents submitted to the Board of Railway Commissioners from 1st January, 1913, to date, by any party whatsoever regarding the service of the Quebec and Oriental Railway and the Atlantic, Quebec and Western Railway, as to freight, passengers and express matters, with a copy of all orders and rulings issued by such Board and of all correspondence in connection therewith. Presented 20th May, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

117. Return to an Address to His Royal Highness the Governor General of the 5th December, 1912, for a return showing the number of appeals made to the Governor in Council during the twelve months preceding 25th November, 1912, against orders of the Board of Railway Commissioners, the particulars of each appeal, and the decision rendered by the Governor in Council in each case. Presented 11th February, 1913.—*Mr. Graham* .....*Printed for sessional papers only.*

118. Return to an Address to His Royal Highness the Governor General of the 22nd January, 1913, for a copy of all orders in council and of all correspondence relating to the extension of facilities for obtaining information useful to Canadian Trade and Commerce in connection with the British Consular Service. Presented 11th February, 1913.—*Mr. Ames*..... .....*Not printed.*

119. Return to an Order of the House of the 24th January, 1913, for a return showing all the employees of the different departments at Ottawa, and also in the nine provinces and territories of Canada, and other places outside of Canada, in the inside and outside service, who have left their employment since the 1st October, 1911, up to the 10th January, 1912, inclusively, with their names, Christian names, age, nationality, employment and salaries respectively; the date of their appointment; the date of their leaving; their salaries, the time of their appointment and at leaving; the reasons of their leaving; and if replaced or not; the names, Christian name, age, nationality, employment and salary of those who have replaced them; and in the case of dismissals, a list of the persons who asked for their dismissals; in the case of these replacing them, a list of the persons who recommended their successors Presented 11th February, 1913.—*Mr. Wilson (Laval)*.....*Not printed.*

119*a*. Supplementary return to an Order of the House of the 24th January, 1912, for a return showing all the employees of the different departments at Ottawa, and also in the nine provinces and territories of Canada, and other places outside of Canada, in the inside and outside service, who have left their employment since the 1st October, 1911, up to the 10th January, 1912, inclusively, with their names, Christian names, age, nationality, employment and salaries respectively; the date of their appointment; the date of their leaving; their salaries at the time of their appointment and at leaving; the reasons of their leaving; and if replaced or not; the names, Christian name, age, nationality, employment and salary of those who have replaced them;

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and in the case of dismissals, a list of the persons who asked for their dismissals; in the case of these replacing them, a list of the persons who recommended their successors. Presented 17th March, 1913.—*Mr. Wilson (Laval)*.....*Not printed.*

120. Return to an Address to His Royal Highness the Governor General of the 5th February, 1912, for a copy of all tenders, contracts, reports and other memoranda of the engineers of the Department of Public Works, orders in council, correspondence and all other documents relating to the construction of a dam for storage purposes at the foot of Lake Timiskaming. Presented 12th February, 1913.—*Mr. Pugsley.*

Not printed.

120*a*. Return to an Order of the House of the 4th March, 1912, for a copy of all contracts, correspondence or writings whatsoever, respecting the construction of a dam in 1902 or 1909, called the Lake Timiskaming dam constructed or built over the rivers forming the inflow or the discharge of the said lake, exchanged between the Government of Canada and the contractor or contractors. Presented 12th February, 1913.—*Mr. Boulay*.....*Not printed.*

121. Return to an Order of the House of the 28th March, 1912, for a return giving a list of the subjects of the oil paintings and water colours which have become the property of the National Gallery of Canada since 1891; and the names of the artists in each case. Presented 12th February, 1913.—*Mr. Burnham*.....*Not printed.*

122. Return to an Order of the House of the 27th January, 1913, for a copy of all documents, letters, correspondence, reports, recommendations, &c., relating to the petition of Mr. Firmin Thibault, of St. Denis, County of Kamouraska, for his indemnity for having served at the time of the Fenian invasion. Presented 13th February, 1913—*Mr. Lapointe (Kamouraska)*.....*Not printed.*

123. Return to an Order of the House of the 27th January, 1913, for a return showing what date or dates the government purchased the site for the new Dominion Rifle Range in the County of Carleton, Ontario, from whom were the several parcels of land purchased, and what price per acre was paid for each, the number of acres of land purchased, and the total amount paid therefor, if any buildings have been erected on the said lands by the government, and the cost thereof, the amounts paid by the government for commissions, fees, agency charges, and legal expenses, and to whom in connection with said purchase, the amount of money expended by the Government on the said range for all purposes, from the date of the original purchase of the land up to 23rd January, 1913, and any sums remaining to be paid in any way connected with the purchase of the said range, to whom and the respective amounts thereof, the distance from the post office in the City of Ottawa to the said range, if any line of electric or other railway runs from the City of Ottawa to the said range, and what means of transportation will be provided for riflemen going to and returning from the said range. Presented 13th February, 1913—*Mr. Wilson (Laval)*.....*Not printed.*

124. Return to an Address to His Royal Highness the Governor General of the 10th February, 1913, for a copy of the memorial presented to the Government during the session of 1911-12, by a delegation from the Government of Prince Edward Island asking for an increased provincial subsidy, a copy of which memorial was laid on the Table of the House by the Finance Minister last session of Parliament, but is not now apparently on the files of the House Presented 17th February, 1913.—*Mr. Hughes (Kings, P.E.I.)*.....*Printed for sessional papers only.*

125. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all papers, letters, telegrams and correspondence between the Government of Canada or any member thereof, since 1st November, 1911, to the pre-

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sent time, with any corporation, company, party or parties, in any way relating to the Customs Tariff upon cement or to the temporary reduction made of the Customs Tariff upon cement; also for a copy of all letters and correspondence by and between members of the Government of Canada during the same period relating to the same subject, and of all papers, documents, memoranda and orders in council relative to the reduction of the Customs Tariff upon cement made by order in council since the close of the last session of parliament. Presented 17th February, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

125a. Return to an Address to His Royal Highness the Governor General of the 20th January, 1913, for a copy of all petitions since the 1st of October, 1911, addressed to the Governor General in Council or to any member of the government, asking for a remission and the adjustment of duty on cement, of all letters to the ministers individually on the same, of all correspondence and of all orders in council. Presented 21st February, 1913.—*Sir Wilfrid Laurier*.....*Not printed.*

125b. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all papers, documents, petitions, orders in council, letters and telegrams in any department of the government of Canada, or that passed between the Department of Customs and the Department of Justice or any solicitor, counsel, association, company or individual, during the past twelve months, respecting the imposition of tariff duties upon imported lumber dressed on one side and sized, or respecting the interpretation of tariff item No. 504, together with a printed copy of any stated case, appeal, factum or argument used before the Exchequer Court of Canada or the Supreme Court of Canada, in the matter of the judicial interpretation of tariff item No. 504. Presented 4th June, 1913.—*Mr. Maclean (Halifax)*

Not printed.

126. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence passing between the government or any member thereof with respect to the east half of Section 27 in township six (6) in range two (2) west of the third meridian. Presented 17th February, 1913.—*Mr. Martin (Regina)*.....*Not printed.*

127. Return to an Order of the House of the 27th January, 1913, for a return showing when the militia or regular forces was first called out in Canada since Confederation in aid of the civil authorities, how often, when and where has the same been called out since, the amount of money paid by each municipal corporation for such service in each case, what corps called out on each occasion, whether to quell strikes in each instance or for what purpose. Presented 18th February, 1913.—*Mr. Macdonald.*

Not printed.

128. Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence, papers, &c., concerning the application by James McKelvey, of the town of Sarnia, Ontario, for Fenian Raid Volunteer Bounty. Presented 18th February, 1913.—*Mr. Macdonald*.....*Not printed.*

129. Return to an Order of the House of the 10th February, 1913, for a copy of all documents, correspondence, memorandums, reports, requests for inquiries, of the appointment of commissioners and other documents, relating to the study of the causes for the depopulation of country places and the high cost of living in the eastern provinces of the Dominion. Presented 18th February, 1913.—*Mr. Paquet*.....*Not printed.*

130. Return to an Order of the House of the 9th December, 1912, for a copy of all papers, documents, memoranda and correspondence relating to the application of the Banque Internationale to the Treasury Board for a certificate for the commencement of business. Presented 18th February, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

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131. Return to an Order of the House of the 4th December, 1912, for a copy of all papers, documents, telegrams, reports, letters, and instructions regarding smelt and salmon fishing in the Restigouche river and the Baie des Chaleurs since October, 1911, up to date, together with copy of instructions issued to officials of the Department of Marine and Fisheries in that connection. Presented 18th February, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

132. Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence and papers concerning the increase of salary of Mr. Sevigny, employed at the immigration office at Montreal. Presented 18th February, 1913.—*Mr. Carvell.* *Not printed.*

133. Return to an Order of the House of the 5th February, 1913, for a return showing whether any order for goods has been given by the Department of Public Works since 1st October, 1911, at Montreal, Quebec, St. John and Halifax; tenders asked for in each case; orders for goods given without tenders; names of firms, and amounts in each case. Presented 19th February, 1913.—*Mr. Macdonald*.....*Not printed.*

134. Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence and other papers, in the Department of Public Works, concerning the awarding of a contract for a Welsh coal supply to the various Dominion public buildings in Montreal. Presented 19th February, 1913.—*Mr. Lemieux*....*Not printed.*

135. Return to an Order of the House of the 5th December, 1912, for a return showing how many dredging contracts were let by the Department of Public Works during the year 1911-12, the name of each tenderer and the amount of each tender. Presented 19th February, 1913.—*Mr. Lemieux*.....*Not printed.*

135*a*. Return to an Order of the House of the 4th December, 1912, for a return showing the quantity by cubic yards of dredging made in the harbour of Bathurst by the dredge *Restigouche* during the months of May, June, July, August, September, October, and November of the year 1911, and during the same months in the year 1912. Presented 19th February, 1913.—*Mr. Turgeon*.....*Not printed.*

135*b*. Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, documents, recommendations and reports respecting the dredging Des Prairies river, the work done, depth, length and width of channel dredged, the list of men employed to perform that work, their salaries, and the amount of money spent on that work since the 1st of October, 1911, up to the 21st November, 1912. Presented 12th May, 1913.—*Mr. Wilson (Laval)*.....*Not printed.*

135*c*. Return to an Order of the House of the 3rd March, 1913, for a copy of all documents, letters, reports of engineers and a detailed statement of expenditure in connection with dredging at Ste. Anne de Restigouche and Cross Point, Bonaventure County. Presented 4th June, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

135*d*. Return to an Order of the House of the 19th March, 1913, for a return showing the amount of dredging done by the government dredges for private parties or firms in Prince Edward Island, during the season of 1912; the names of the parties or firms for whom this dredging was done; the number of yards of material dredged for each party or firm; the class of material dredged, and the price per yard the government charged for this dredging; who measured the material dredged, and whether it was scow measurement that was made; who recommended the said dredging to be done; if the resident engineer or any engineer was consulted in regard to the measuring, and if the resident engineer or any engineer had control over the matter at all. Presented 6th June, 1913.—*Mr. Hughes (Kings, P.E.I.)*.....*Not printed.*

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136. Return to an Order of the House of the 9th December, 1912, for a copy of the accounts of Jean Baptiste Lena and of his wife, for work done to the public buildings at Valleyfield, Quebec, in May, 1912; also for a copy of all correspondence, reports and documents relating to the payment in full or a part of their accounts. Presented 19th February, 1913.—*Mr. Papineau*.....*Not printed.*

137. Return to an Order of the House of the 4th December, 1912, for a return showing the amount of money expended in improving the channel of the Ottawa river between the city of Hull and the village of Masson. Presented 19th February, 1913.—*Mr. Devlin.* *Not printed.*

138. Return to an Order of the House of the 4th December, 1912, for a copy of all documents relating to the transferring of P. E. Amiot, resident engineer of the Department of Public Works, Bonaventure, Quebec, to the district of Chicoutimi and Saguenay, and the appointment in his stead, in Bonaventure County, of Charles E. Tache, of Chicoutimi, as resident engineer, with a copy of all the instructions given to the latter and his duties, residence and salary. Presented 19th February, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

139. Return to an Order of the House of the 4th December, 1912, for a copy of all petitions, correspondence, memoranda, reports, and resolutions of county or other municipal councils of Bonaventure County asking or objecting to certain public works in Bonaventure County since October, 1911, with the Minister of Public Works, or any member of the present administration, and replies made thereto. Presented 19th February, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

140. British Canadian Loan and Investment Company, Limited, Toronto, for year 1911.—(*Senate*).....*Not printed.*

141. Claims of present fish warden, Baker Lake, County of Madawaska, N.B.—(*Senate*). *Not printed.*

141a. Return to an Order of the House of the 29th January, 1913, for a copy of all letters, telegrams, reports, information, convictions and other documents in the possession of the Department of Marine and Fisheries or any officer thereof relating to the prosecution in the year 1910, against George Rowlings and James Rowlings, of Musquodoboit Harbour, County of Halifax, for a violation of the fishery regulations. Presented 21st May, 1913.—*Mr. Sinclair*.....*Not printed.*

141b. Return to an Order of the House of the 29th January, 1913, for a copy of all papers, letters, telegrams and documents or other communications, had with the Department of Marine and Fisheries or any official thereof, in regard to the prosecutions against the following parties:—Samuel Stewart, Melvin Hart, Andrew McNeil, Thomas McNeil, Hugh Malcolm, Tom Moffatt, James Waddin, Samuel Wright and Dougald Higgins, of Westville, County of Pictou, for infractions of the Fisheries Act, and of any applications or letters relative to relief from the fines imposed or the return of the same; and also of all papers, letters, and other documents relating to a charge against Rod. Martin, of Westville aforesaid, a fishery guardian, for illegal fishing and other offences. Presented 21st May, 1913.—*Mr. Macdonald*.....*Not printed.*

141c. Claims of Messrs. Boulanger and Son, Montmagny, Quebec.—(*Senate*)....*Not printed.*

142. Copy of Report of Minister of Justice in *re* Florence Mining Company.—(*Senate*). *Not printed.*

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143. Instruction sent to the different Lieutenant Governors of different provinces of Canada, with commissions.—(*Senate*)..... .....*Not printed.*

144. Return to an Order of the House of the 15th January, 1913, for a copy of all papers, letters, documents, telegrams, reports and opinions in relation to the claim of William Iceton, of Purcell's Cove for a return of a boat from the Department of Marine and Fisheries or any other department. Presented 20th February, 1913.—*Mr. Macdonald* ....*Not printed.*

145. Return to an Address to His Royal Highness the Governor General of the 9th December 1912, for a copy of all papers, telegrams, letters and orders in council respecting the transfer of the property known as the Police Point Reserve to the corporation of the City of Medicine Hat, Alberta. Presented 20th February, 1913.—*Mr. Buchanan.* *Not printed.*

146. Return to an Order of the House of the 29th January, 1913, for a copy of the inquiry made by F. B. Atkinson, Lévis, as to an accident that happened to the horse of Arsene Lauzier, at Amqui, County of Rimouski, on the 19th February, 1912. Presented 20th February, 1913.—*Mr. Boulay*.....*Not printed.*

147. Correspondence, memoranda, &c., in respect to the issue of a patent for the N. ½ of S. W. ¼ of section 8, in township 49, range 26, west of the 2nd meridian, to one Arthur Donaldson, bearing date the 19th November, 1912. Presented by Hon. Mr. Roche, 20th February, 1913..... .....*Not printed.*

147*a*. Return to an Order of the House of the 12th February, 1913, for a copy of all letters, telegrams and other documents with respect to the north half of the southwest quarter of section eight (8), township forty-nine (49), range twenty-six (26), west of the second meridian, province of Saskatchewan, and the granting of a homestead entry for the said land to one Arthur Donaldson. Presented 6th June, 1913.—*Mr. Martin (Regina)*..... .....*Not printed.*

148. Return to an Order of the House of the 12th February, 1913, for a copy of all papers, reports and other documents relating to the delay of the Indian Department in issuing patents for lands purchased from the St. Peters band of Indians, and forming part of the St. Peters Indian reserve, Manitoba. Presented 25th February, 1913. —*Mr. Oliver*..... .....*Not printed.*

149. Return an Address to His Royal Highness the Governor General of the 27th January, 1913. for a copy of all applications addressed to the Government by the Algoma Steel Company for remission of duties on rails imported by the said company at Fort William; of all correspondence on the same, of all evidence sought and obtained by the government and supplied by the company in support of its application; and of all orders in council ordering such remission of duties. Presented 25th February, 1913.—*Sir Wilfrid Laurier*..... .....*Not printed.*

150. Return to an Order of the House of the 24th February, 1913, for a return showing the stenographers and secretaries of the House of Commons, and the names of the members for whom each of them work. Presented 26th February, 1913.—*Mr. Boulay.* *Not printed.*

150*a*. Return to an Order of the House of the 31st March, ultimo, for a return giving the names and home addresses of the persons employed in the House of Commons as stenographers to members. Presented 1st April, 1913.—*Mr. Martin (Regina).* *Not printed.*

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151. Return to an Order of the House of the 16th January, 1913, for a return showing the number of bushels of grain and barrels or sacks of flour which were shipped from Montreal, Quebec, St. John, N.B., and Halifax, for twelve months preceding the 31st day of December, 1912; the kinds of each product respectively, and the quantities of said commodities at each of above points which were domestic and foreign. Presented 26th February, 1913.—*Mr. Bennett (Simcoe)*.....*Not printed.*

152. Return to an Order of the House of the 19th February, 1913, for a return showing in detail the quantity and values, respectively, of the imports and exports of Canada with Great Britain, United States, Australia and New Zealand, during the year ending 31st March, 1912, in horses, cattle, sheep, hogs, bacon, hams, fresh and salted beef, lard, tallow, mutton, canned meats, butter, cheese, eggs, poultry and apples. Presented 26th February, 1913.—*Mr. Sutherland*.....*Not printed.*

153. Return to an Address to His Royal Highness the Governor General of the 26th February, 1912, for a copy of all letters, documents and correspondence relating to action by the Government in regrd to the relief of the shareholders and depositors of the Farmer's Bank, and of the order in council appointing Sir William Meredith as Commisioner, and all correspondence in relation thereto. Presented 26th February, 1913. —*Mr. Macdonald*.....*Not printed.*

153*a*. Report of the Honourable Sir William Ralph Meredith, Kt., Commissioner appointed to make investigation into all matters connected with the Farmers Bank of Canada. Presented by Hon. Mr. White, 26th February, 1913.

Printed for distribution and sessional papers.

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(This volume is bound in three parts.)

153*b*. Report of Royal Commission authorized by orders in council dated 19th day of July, 1912, and the 5th day of August, 1912, to inquire into alleged complaints as to methods of weighing butter and cheese in Montreal, and also as to the methods of payment. Presented by Hon. Mr. Burrell, 30th May, 1913.

Printed for distribution and sessional papers.

154. Return to an Order of the House of the 27th January, 1912, for a return showing the amount of the subsidy paid to each of the four original provinces of the Dominion at Confederation, and the population on which such payment was based; the subsidy payable to each of the remaining five provinces on entering the union, and the population on which such payment was based; the sum added to the subsidy of any province as better terms, and the date which such addition was made respectively; the details of each readjustment of subsidies since 1867, and the yearly subsidy at present payable to each province, with the population on which such payment is based, and the original debt allowance, if any, respectively, placed to the credit of each province on entering the union. Presented 27th February, 1913.—*Mr. Sinclair.*

Printed for sessional papers only.

155. Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence in regard to the disposition of the Marine Hospital at Pictou to the town of Pictou, or any other corporation or person. Presented 27th February, 1913.—*Mr. Macdonald*.....*Not printed.*

156. Return to an Order of the House of the 29th. January, 1913, for a copy of all letters, tenders, contracts, papers and other documents in the possession of the Department of Marine and Fisheries relating to the making and cancellation of a contract or agreement between the said department and one Charles G. Giffin, of Isaac Harbour,

CONTENTS OF VOLUME 28.—*Continued.*

N.S., to perform certain services for the lobster hatchery at that place, and also relating to a subsequent agreement with one Philip McArthur to perform similar duties. Presented 27th February, 1913.—*Mr. Sinclair*.....*Not printed.*

157. Return to an Order of the House of the 29th January, 1913, for a copy of all papers and correspondence concerning the claim of Charles Mennier, ex-Collector of Customs at Marieville, Quebec, for rent. Presented 28th February, 1913.—*Mr. Lemieux.*
Not printed.

158. Return to an Order of the House of the 9th December, 1912, for a copy of all letters, correspondence, documents and reports relating to the closing of the post office at Pomket river, Antigonish County, Nova Scotia, and the cancellation of the contract for the carrying of the mail between Heatherton and Pomket river. Presented 28th February, 1913.—*Mr. Chisholm (Antigonish)*.....*Not printed.*

158*a*. Return to an Order of the House of the 27th January, 1913, for a copy of all letters, telegrams, petitions and other correspondence and documents received by the Post Office Department during the last twelve months from the honourable member for East Grey and others, relating to the closing of the post office at Harkaway, County of Grey province of Ontario, and of the proposed change in the mail service. Presented 25th March, 1913.—*Mr. Lanctot*.....*Not printed.*

159. Claims put forth by and on behalf of Indians of British Columbia—Report of James T. McKenna on.—(*Senate*).....*Not printed.*

159*a*. Return to an Address to His Royal Highness the Governor General of the 20th January, 1913, for a copy of all correspondence between the Government of British Columbia and the Government of Canada concerning the rights and claims of the Indians in the province, and of all orders in council with regard to the same. Presented 14th May, 1913.—*Sir Wilfrid Laurier*.....*Not printed.*

159*b*. Return to an Order of the House of the 28th April, 1913, for a copy of all correspondence, reports and recommendations from Rev. R. L. Macdonald, Indian agent at Salmon River reserve, Richmond County, N.S., relating to the Indian school in said reserve; and of all correspondence and instructions from the Department of Indian Affairs to the said Indian agent, relating to the same; also a copy of all complaints, charges and reports against Miss Charlotte M. Devereaux, teacher of the said school, and of all correspondence and recommendations relating to the appointment of Earnest McNeil to succeed her, since 1st January, 1912. Presented 23rd May, 1913.—*Mr. Kyte*.....*Not printed.*

159*c*. Return to an Order of the House of the 12th May, 1913, for a copy of the last surrender and of all papers, correspondence and other documents in connection with the surrender of part of the White Bear Indian Reserve; together with a copy of all letters and telegrams referring to this surrender by officials of the Department or others, and of the authority on which this surrender was taken, the number of acres surrendered, and how disposed of. Presented 23rd May, 1913.—*Mr. Bradbury.*
Not printed.

159*d*. Return to an Order of the House of the 30th April, 1913, for a copy of all letters, papers, memoranda and other documents, dated since 1st January, 1912, relating to the Kitsilano Indian Reserve in the City of Vancouver. Presented 23rd May, 1913.—*Mr. Oliver*.....*Not printed.*

160. Immigrants—number of, who settled in Canada, in 1911-12, and from whence.—(*Senate*).
Not printed.

CONTENTS OF VOLUME 28.—*Continued.*

160a. Return to an Order of the House of the 7th May, 1913, for a return showing the number of immigrants coming into Canada during the year ending 31st March, 1913, inspected by the government medical inspectors; the total cost of such medical inspections; the number of medical doctors employed by the government during that period; the name, salary and location of each, including those resident in Ottawa. Presented 6th June, 1913.—*Mr. Schaffner*.....*Not printed.*

161. Correspondence with Mr. V. Steffansson concerning northern expedition. Presented by Hon. Mr. Hazen, 3rd March, 1913.....*Not printed.*

161a. Copy of order in council No. P.C. 406 of the 22nd February, 1913, with reference to Mr. V. Steffansson's proposed northern expedition. Presented by Hon. Mr. Hazen, 10th March, 1913.....*Not printed.*

162. Return to an Address to His Royal Highness the Governor General of the 25th March, 1912, for a copy of all letters, requests, petitions, orders in council and other documents in the possession of the Department of Marine and Fisheries relating to the change in the fishery regulations by which steam trawlers were prohibited from participating in the fishing bounty. Presented 3rd March, 1913.—*Mr. Sinclair.*
Not printed.

162a. Return to an Address to His Royal Highness the Governor General, of the 10th February, 1913, for a copy of all petitions, correspondence, reports of experts or officers, of orders in council, minutes of council, and of other papers and documents in the possession of the Department of Marine and Fisheries, or any department of the government, relating to steam trawling on the Atlantic seaboard. Presented 15th April, 1913.—*Mr. Sinclair*.....*Not printed.*

163. Return to an Order of the House of the 19th February, 1913, for a copy of all correspondence, papers, accounts, vouchers, concerning the purchase and subsequent repairs of a private car by the Department of Militia and Defence, from the Canadian Northern Railway Company. Presented 3rd March, 1913.—*Mr. Lemieux.*
Not printed.

164. Return to an Order of the House of the 24th February, 1913, for a return showing separately the amount paid by the Department of Indian Affairs for medical attendance on account of the Indians on the Micmac reserve of Ste. Anne de Restigouche, Quebec, for each year from 1900 to 1913, inclusive, and to whom paid. Presented 10th March, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

165. Return to an Order of the House of the 19th February, 1913, for a copy of all correspondence, letters, telegrams and other documents relative to the sale of alleged Indian lands at Nyanza, riding of North Cape Breton and Victoria, N.S., to one Philip McDonald, such sale having taken place about the year 1877. Presented 17th March, 1913.—*Mr. McKenzie*.....*Not printed.*

165a. Return to an Order of the House of the 7th May, 1913, for a return showing the number of acres surrendered by the Coté's Band of Indians, the number of acres sold by private sale, the number of acres still unsold; together with a copy of all letters from persons who made application for purchase of surrendered lands in Coté's reserve, or from any person on behalf of purchasers and replies thereto; and of all reports, letters or memoranda addressed to the Superintendent General of Indian Affairs, from any officer of the department respecting the private sale of said lands; also a copy of any document or documents covering the authority under which these lands were sold by private sale, and of all letters addressed to the department, or any officer of department, respecting the sale of said lands. Presented 3rd June, 1913.—*Mr. Bradbury*.....*Not printed.*

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166. Return to an Order of the House of the 12th February, 1913, for a copy of all letters, reports and other documents received by the Minister of Labour regarding labour conditions on the Grand Trunk Pacific between Tête Jaune Cache and Fort George. Presented 17th March, 1913.—*Mr. Oliver*.....*Not printed.*

167. Return to an Address to His Royal Highness the Governor General of the 3rd February, 1913, for a copy of all telegrams, letters and other documents passing between the Government of Canada, or any member thereof, and the Government of the Province of Saskatchewan, or any member thereof, with respect to chapter 17 of the statutes of Saskatchewan, 1912, being an Act to prevent the employment of female labour in certain capacities. Presented 17th March, 1913.—*Mr. Martin (Regina)*.....*Not printed.*

168. Return to an Order of the House of the 10th December, 1912, for a copy of all correspondence, petitions and other papers received by the Prime Minister, or any member of the government, since the 1st April, 1912, in connection with the school system established in that portion of the Keewatin Territory annexed to the province of Manitoba. Presented 17th March, 1913.—*Mr. Macdonald*.....*Not printed.*

169. Return to an Order of the House of the 29th January, 1913, for a return showing the number of accidents to lock gates or bridges on the Welland Canal during the year ending 25th November, 1912, the nature of the accidents, the amount of damage in each case and the amount recovered by the Government from vessel owners in each instance. Presented 18th March, 1913.—*Mr. Graham*.....*Not printed.*

170 Return to an Order of the House of the 3rd March, 1913, for a copy of the contract passed on the 6th day of August, 1910, between the City of Quebec and the Transcontinental Railway Commissioners, for the acquisition by the latter of the property known as Champlain Market, to be used as a station and terminals for the said railway; of all the correspondence between the said city and the present Commissioner of the said railway, with the Minister of Railways, or any other Minister, with regard to the non-execution of the said contract by the said commission. Presented 18th March, 1913.—*Sir Wilfrid Laurier*.....*Printed for sessional papers only.*

171. Return to an Order of the House of the 29th of January, 1913, for a copy of all letters, correspondence, &c., respecting the request for suspension by H. Boulay, of J. Stahl, assistant inspector of immigration on the railway. Presented 19th March, 1913.—*Mr. Boulay* ....*Not printed.*

172. Return to an Order of the House of the 17th February, 1913, for a return showing the total area of land thrown open for pre-emption and purchased homesteads in each of the provinces of Saskatchewan and Alberta since the passing of the Dominion Lands Act of 1908; also the number of acres of such lands which have been disposed of by way of pre-emptions and purchased homesteads in each of the said provinces, the amount of principal money collected on account of such lands in each of the said provinces up to 31st December, 1912, and the amount of interest collected on account of such lands in each of the said provinces to 31st December, 1912. Presented 19th March, 1913.—*Mr. Martin (Regina)*.....*Not printed*

173. Return to an Order of the House of the 10th February, 1913, for a copy of all letters, correspondence, memorials and other documents received by the Right Honourable the Prime Minister and the Honourable the Minister of Justice, since the 1st day of January, 1912, relating to the request by county court judges for an increase of salary and for an amendment to the Judges Act with respect to retiring allowances. Presented 26th March, 1913.—*Mr. Proulx*.....*Not printed.*

CONTENTS OF VOLUME 28.—*Continued.*

174. Return to an Order of the House of the 13th February, 1913, for a return showing the names of the keepers in Portsmouth penitentiary, and their religious belief; the names of any of the said keepers who may have been dismissed, the date, charges and on whose recommendation were they reinstated. Presented 26th March, 1913.—*Mr. Edwards*..... .....*Not printed.*

174a Return to an Order of the House of the 13th February, 1913, for the name of the disciplinе officer in charge of each of the following departments in Portsmouth penitentiary, the date when each was first appointed on the penitentiary staff, the date to his present position, and the religious belief of each: Quarry, farm, warden's residence and grounds, blacksmith shop, bath room and laundry, stone shed, tailor and shoe shop, changing room, stone pile, sewage plant, asylum ward, cell wings, library and Roman Catholic and Protestant chapels, hospital, shop dome, carpenter, tin and paint shop, and prison of isolation. Presented 26th March, 1913.—*Mr. Edwards.*
Not printed.

175. Return to an Order of the House of the 17th February, 1913, for a copy of all statements of account for salary or remuneration to the Commissioner, and his expenses, for witness fees and all other expenses in connection with the investigations by Commissioner Duchemin, of the following persons in Antigonish County namely: Patrick M. Decoste, deckhand SS. *Scotia*, Harbour au Boucher; William R. Fougère, sectionman, Harbour au Bouche; Allen Kinney, sectionman, Linwood; Hubert Myatte, sectionman, Tracadie; John McDonell, sectionman, Afton Station; John W. Malanson, sectionman, Afton; James Armstrong, sectionman, Heatherton; Charles Landry, sectionman, Pomket; William S. Landry, section foreman, Pomket; Colin McDonald, sectionman, James River; Archibald Chisholm, station agent, Heatherton; Joseph Benoit, station agent, Pomket; Alex. R. McAdam, fishery officer, Malignant Cove; Alex. McDonald, sub-collector, Doctors Brook; Charles L. Gass, sub-collector, Bayfield; Jeffrey M. Crispo, sub-collector, Harbour au Bouche; Hugh R. McAdam, postmaster, Arisaig; Thomas J. Sears, postmaster, Lochaber, Charles L. Gass, postmaster, Bayfield; and Joseph P. Benoit, postmaster, Pomquet; also the expenses in detail, of and incidental to the investigation by said Commissioner Duchemin of the charges made against John J. McDonald, postmaster, McArra's Brook; Archibald Stewart, section foreman, Harbour au Bouche; Ronald McFarlane, section foreman, Williams Point; Henry Williams, sectionman, Marshy Hope; and John W. McInnes, bridge foreman Intercolonial Railway, Antigonish. Presented 26th March, 1913.—*Mr. Chisholm (Antigonish)*..... .....*Not printed.*

175a. Return to an Order of the House of the 28th April, 1913, for a return showing the date of the appointment of H. P. Duchemin, Investigating Commissioner for Eastern Nova Scotia; the number of days he has been employed by the government since the appointment; the gross amount paid to Mr. Duchemin as an allowance for his services, excluding travelling expenses or other outlay; the amount which has been paid to Mr. Duchemin to date for travelling expenses, living expenses, witness fees, and other sundry expenses, respectively. Presented 21st May, 1913.—*Mr. Sinclair.*
Not printed.

176. Return to an Order of the House of the 4th December, 1912, for a copy of the report or reports made by C. E. Taché, resident engineer of Bonaventure County, Quebec, on public works existing or asked for in that constituency since October, 1911, up to date. Presented 28th March, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

177. Return to an Order of the House of the 6th February, 1913, for a return showing what properties within the area north of Wellington street and west of Bank street, in the City of Ottawa, have been purchased or acquired by the Government; from whom the said purchases were made, and the price paid, or agreed to be paid, in each case; the

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number of said properties not yet paid for, the names of the owners thereof, and amount, if any, in dispute in each case; the names of the persons who were employed in any capacity, or for any purpose, in connection with the purchase of the said properties, and the terms of their employment; the amount which has been paid to each, and further amounts to be paid to such persons, giving their respective names; whether the Government has employed any persons or agents to collect rent from the tenants or occupants of any of the said properties, if so, the names of such rent collectors, for what period employed, and amount by way of salary, fees, or commission, paid to each; the total amount paid by the Government up to 31st January, 1913, in connection with the purchase or acquisition of the said properties. Presented 28th March, 1913.—*Mr. Murphy* .....*Not printed.*

178. Return to an Order of the House of the 24th January, 1913, for a copy of all correspondence between the Minister of Public Works and H. Morel, M.P.P., for East Nipissing, in any way relating to the construction of a road or highway from North Bay to Sturgeon Falls, Ontario; and of all petitions, correspondence, surveys, and engineers' reports in any way connected with the building of the said road or highway. Presented 28th March, 1913.—*Mr. Murphy*.....*Not printed.*

179. Return to an Order of the House of the 4th December, 1912, for a copy of all pay-lists, letters, documents, telegrams and other papers in connection with the expenditures made on Brulé wharf in the County of Colchester during the last two years. Presented 28th March, 1913.—*Mr. Macdonald*.....*Not printed.*

179*a*. Return to an Order of the House of the 10th December, 1912, for a copy of all papers, documents, tenders and correspondence relating in any way to the construction of a wharf at Kraut Point, Lunenburg County, N.S. Presented 28th March, 1913.—*Mr. Maclean (Halifax)*..... .....*Not printed.*

180. Return to an Order of the House of the 29th January, 1913, for a copy of all correspondence, papers, &c., concerning the application made by the Eastern Canada Power Company, with a view to raise the head of the River St. Lawrence in the vicinity of Coteau, Cedar, Split Rock and Cascade rapids to the level of the water in Lake St. François. Presented 28th March, 1913.—*Mr. Lemieux*.....*Not printed.*

181. Return to an Order of the House of the 4th December, 1912, for a copy of all correspondence, letters and telegrams addressed by the Conservative candidate in the County of Gloucester at the election of 21st September, 1911, to the Minister of Public Works from the day he took his oath of office, on 10th October, 1911, up to the 31st December, of the same year, on the subject of public works then under construction in the said county. Presented 28th March, 1913.—*Mr. Turgeon*.....*Not printed.*

182. Return to an Order of the House of the 10th March, 1913, for a return showing the number of men of the R. C. regiment at Aldershot, during the summer of 1912, previous to the regular militia camp; date of going into camp; number there during said time; whether tenders for supplies for these men were called for; number of tenders received and from whom; if any contracts were awarded on said tenders and, if not, what was done with the said tenders; how and from whom were supplies for these men obtained; the prices paid during said time per pound respectively, for meat, sugar, butter, tea, coffee bacon, bread, and how much per bushel for vegetables; the cost per ration for supplies for said men of the R. C. regiment at Aldershot camp during the time aforesaid; the cost per ration for supplies to the regular militia camp under contract during the annual drill in the fall of 1912. Presented 28th March, 1913.—*Mr. Kyte*.....*Not printed.*

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183. Report on wholesale prices in Canada, 1912, by R. H. Coats, B.A., F.S.S., editor of the *Labour Gazette*. Presented by Hon. Mr. Crothers, 28th March, 1913....*Not printed.*

184. Area of territories added to Ontario and Quebec, by Statutes of 1912.—(*Senate*). *Not printed.*

185. Relating to recent increase in prices charged Canadian fishermen for manilla cord.—(*Senate*).....*Not printed.*

186. Report of the Pilotage Commission of Quebec. Presented by Hon. Mr. Hazen, 28th March, 1913.....*Not printed.*

187. Return to an Order of the House of the 26th February, 1913, for a copy of all memoranda, letters, papers, telegrams and other documents in the possession of the Department of the Interior relating to the S. W. 36-16-27, W. 2. Presented 31st March, 1913. —*Mr. Knowles*.....*Not printed.*

187*a*. Return to an Order of the House of the 3rd March, 1913, for a copy of all correspondence, telegrams and other papers in connection with the southwest ¼ of 4-9-14 west of 2nd meridian. Presented 10th April, 1913.—*Mr. Bradbury*.....*Not printed.*

187*b*. Return to an Order of the House of the 26th March, 1913, for a copy of all papers, letters, memoranda and other documents relating to the northwest of 30-25-7-2. Presented 25th April, 1913.—*Mr. Oliver*.....*Not printed.*

187*c*. Return to an Order of the House of the 3rd March, 1913.—1. For a copy of all correspondence and other papers in connection with the disposal of the following lands and the claim of James W. Brown in connection with these lands:—

Part of S.E. ¼ section 21-20-21-W. 2nd meridian, area 5/100ths acre.
Part of N.E. ¼ section 21-20-21-W. 2nd meridian, area 11 6/100ths acre
Part of S.E. ¼ section 20-20-21-W. 2nd meridian, area 80 acres.
Part of S.W. ¼ section 28-20-21-W. 2nd meridian, area 72 42/100ths acres.
Whole of S.E. ¼ section 28-20-21-W. 2nd meridian, area 160 acres.
Whole of N.E. ¼ section 32-20-21-W. 2nd meridian, area 160 acres.
Part of S.E. ¼ section 32-20-21-W. 2nd meridian, area 80 acres.
Whole of N.W. ¼ section 5-21-21-W. 2nd meridian, area 160 acres.
Whole of S.E. ¼ section 5-21-21-W. 2nd meridian, area 160 acres.
Part of N.E. ¼ section 5-21-21-W. 2nd meridian, area 123 85/100ths acres.
Whole of S.W. ¼ section 5-21-21-W. 2nd meridian, area 160 acres.

2. Also of all papers in connection with the disposal of the whole of the northwest quarter-section 22-20-21, west of the second meridian; and part of S.W. ¼, 2-20-21-W. of the second meridian; and of all correspondence and papers in connection with Alexander Hurst Brown's claim *re* these lands. Presented 30th April, 1913.—*Mr. Bradbury*.....*Not printed.*

187*d*. Return to an Order of the House of the 9th April, 1913, for a copy of all letters, papers, telegrams and other documents in connection with the sale of the N.W. quarter-section 29 10-18-W. Presented 13th May, 1913.—*Mr. Turriff*.....*Not printed.*

187*e*. Return to an Order of the House of the 28th April, 1913, for a copy of all letters, memoranda and other documents relating to the northeast quarter of 14-75-15-5, during the years 1911, 1912, and 1913 to date. Presented 13th May, 1913.—*Mr. Oliver*. *Not printed.*

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187*f*. Return to an Order of the House of the 31st March, 1913, for a copy of all papers, telegrams, applications, and other documents in connection with the S.W. 2-19-20, west 2nd M. Homestead, patented 3rd June, 1892; the S. ½ of N.E. 20-20-21, west 2nd M. patented 11th October, 1904, N.W.H.B., as assignee of Edward Boucher; the S.E ¼ of 22-20-21, west 2nd M., N.W.H.B., patented 22nd September, 1900, as assignee of Louis McGillies; the S.E. ¼ of 28-20 21, west 2nd M., N.W.H.B., patented 26th August, 1901, as assignee of J. Bte. Fagant, jr., and the E. ½ of S.E. ¼ of 32-20-21, west 2nd M., N.W.H.B., patented 11th September, 1901, as assignee of Jos. Alexander; and of all papers in connection with any claims of G. W. Brown or others in connection with these lands. Presented 3rd June, 1913.—*Mr. Bradbury*.....*Not printed.*

187*g*. Return to an Order of the House of the 31st March, 1913, for a copy of all papers, telegrams, applications and other documents regarding the S.W. ¼, 28-20-21, west 2nd M., N.W.H.B., patented 1st March, 1909, as assignee of Norbert Bellehumeur; and the W. ½ of S.E. ¼, 32, 20, 21, west 2nd M., N.W.H.B., patented 1st March, 1909, as assignee of Norbert Bellehumeur; and of all papers in connection with any claims by Norman McKenzie or others against the Government in connection with these lands. Presented 4th June, 1913.—*Mr. Bradbury*.....*Not printed.*

188. Return to an Order of the House of the 10th March, 1913, for a copy of all correspondence or communication of any kind between the Department of Insurance at Ottawa and the Department of Insurance at Toronto since June, 1907, touching the transfer of the Canadian Guardian Life Insurance Company from the jurisdiction of the Insurance Department at Ottawa to that of the jurisdiction of the Insurance Department at Toronto; of all correspondence, if any, between the Insurance Department at Ottawa and the *Saturday Night*, newspaper of Toronto, touching the affairs of the Canadian Guardian Life Insurance Company or the International Insurance Company, Limited; and of all correspondence and other communications between the Department of Insurance at Ottawa and the Government of the province of Alberta in reference to the affairs of the Canadian Guardian Life Insurance Company or the International Insurance Company, Limited. Presented 31st March, 1913.—*Mr. German.*

Not printed.

189. Copy of an Order in Council, &c., respecting a contribution of $30,000 to assist in alleviating the distress of the sufferers by the disastrous cyclone which swept over the City of Regina and its vicinity. Presented by Hon. Mr. White, 31st March, 1913.

Not printed.

190. Copy of correspondence respecting the Treaty of Commerce and Navigation between the United Kingdom and Japan. Presented by Hon. Mr. Borden, 1st April, 1913.

Printed for sessional papers only.

190*a*. From Imperial Consulate General of Japan for the Dominion of Canada. The undersigned, His Imperial Majesty's Consul General at Ottawa, duly authorized by His Government, has the honour to declare that the Imperial Japanese Government are fully prepared to maintain with equal effectiveness the limitation and control which they have since 1908 exercised in the regulation of emigration from Japan to Canada. 11th April, 1913. Presented by Hon. Mr. Borden, 11th April, 1913.....*Not printed.*

191. Copy of the order in council in connection with the appointment of a Commission to inquire into the claims of the province of British Columbia for exceptional treatment. Presented by Hon. Mr. Borden, 1st April, 1913.....*Printed for sessional papers only.*

191*a*. Memorandum *re* British Columbia's claims for special consideration. Presented by Hon. Mr. Borden, 1st April, 1913.....*Printed for sessional papers only.*

CONTENTS OF VOLUME 28.—*Continued.*

191*b*. Copies of orders in council, &c., relating to the appointment of commissioners to adjust all matters relating to Indian lands and Indian affairs generally in the province of British Columbia. Presented by Hon. Mr. Borden, 17th April, 1913.
Not printed.

191*c*. Report of the Royal Commission appointed to inquire into and report upon the law respecting pilotage and its administration in the pilotage districts of Montreal and Quebec; and what changes, if any, are desirable therein; and also, a letter addressed to the Minister of Marine and Fisheries from Mr. Ajutor Lachance, one of the commissioners. Presented by Hon. Mr. Hazen, 18th April, 1913.....*Not printed.*

191*d*. Report of Royal Commission on Industrial Training and Technical Education, Parts I, II, III. and IV. Presented by Hon. Mr. Crothers, 4th June, 1913.
Printed for distribution and sessional papers.

192. Return to an Order of the House of the 24th February, 1913, for a copy of all memoranda, letters, papers and documents relating to the setting apart of a forest reserve on the north side of the Saskatchewan river opposite the City of Prince Albert. Presented 2nd April, 1913.—*Mr. Oliver*.....*Not printed.*

192*a*. Return to an Order of the House of the 26th February, 1913, for a copy of all memoranda, reports, letters, and other documents of any kind in the possession of the Department of the Interior relating to the suitability for forest reserve or for homesteading purposes, of the whole or any part of townships 24 and 25, range 27, west of the first meridian, now forming part of the Riding Mountain Forest Reserve. Presented 11th April, 1913.—*Mr. Oliver*.....*Not printed.*

193. Return to an Order of the House of the 10th February, 1913, for a copy of all correspondence exchanged between the Department of Marine and Fisheries and the member for Temiscouata, and all other persons, respecting the placing of a light or line of lights on wharf at Ile Verte, County of Temiscouata. Presented 4th April, 1913.—*Mr. Paquet*.....*Not printed.*

194. Copy of a report of the Committee of the Privy Council, approved by His Excellency the Administrator, on the 5th April, 1913, relative to a contract for an ocean mail, passenger and freight steamship service between Canada and Great Britain and Great Britain and Canada, together with the articles of agreement for the said service. Presented by Hon. Mr. Pelletier, 7th April, 1913.....*Not printed.*

195. Return to an Order of the House of the 10th March, 1913, for a statement showing the total volume of trade, in import and export, respectively, between Canada and Newfoundland for each year during the period from the 1st day of January, 1896, to the 1st day of January, 1913, and of what the said trade consisted of each year.

2. The volume of trade between Newfoundland and the West Indian Islands, included in the West Indian trade agreement with Canada, dated the 9th day of April, 1912, during the years 1909, 1910, 1911 and 1912, in import and export, and of what the said import and export consisted of each year. Presented 10th April, 1913.—*Mr. McKenzie.*
Not printed.

195*a*. Supplementary return to an Order of the House of the 10th March, 1913, for a statement showing the total volume of trade, in import and export, respectively, between Canada and Newfoundland for each year during the period from the 1st day of January, 1896, to the 1st day of January, 1913, and of what the said trade consisted of each year.

CONTENTS OF VOLUME 28.—*Continued.*

2. The volume of trade between Newfoundland and the West Indian Islands, included in the West Indian trade agreement with Canada, dated the 9th day of April, 1912, during the years 1909, 1910 1911 and 1912, in import and export, and of what the said import and export consisted of each year. Presented 21st April, 1913.—*Mr. McKenzie* ....*Not printed.*

196. Return to an Order of the House of the 9th December, 1912, for a copy of all letters, telegrams, and correspondence referring in any way to the purchase or leasing of the property in Antigonish, N.S., now in use as a gun shed or store house for the equipment of the 18th Field Battery of Artillery. Presented 14th April, 1913.—*Mr. Chisholm (Antigonish)*..... .....*Not printed.*

197. Return to an Order of the House of the 19th March, 1913, for a copy of all tenders asking for the construction of a drill hall at Fernie, B.C., of all correspondence concerning the awarding of the contract, and of all correspondence and documents regarding said tender and contract. Presented 14th April, 1913.—*Sir Wilfrid Laurier.* *Not printed.*

197*a*. Supplementary return to an Order of the House of the 19th March, 1913, for a copy of all tenders asking for the construction of a drill hall at Fernie, B.C., of all correspondence concerning the awarding of the contract, and of all correspondence and documents regarding said tender and contract. Presented 6th June, 1913.—*Sir Wilfrid Laurier*..... ....*Not printed.*

198. Return to an Order of the House of the 24th February, 1913, for a copy of all correspondence and documents between the government of Canada or any officer thereof, and one Miss Mastin, of England, relating to a presentation of certain chinaware and other curiosities, made to the Government by the said Miss Mastin, in memory of the defeat at the polls of the agreement relating to reciprocity with the United States. Presented 14th April, 1913.—*Mr. Sinclair*.....*Not printed.*

199. Return to an Order of the House of the 19th March, 1913, for a return showing the names, professions or occupations, residences, the date of appointment, and the salary in each case, of all correspondents of the *Labour Gazette*, and also the number of changes made in that particular for the year 1912. Presented 22nd April, 1913.—*Mr. Verville* ....*Not printed.*

200. Return to an Order of the House of the 26th March, 1913, for a return showing the amount of seed grain supplied to settlers in Peace River during the year 1912; the amount of seed grain being provided for settlers in Peace River during 1913; who distributed the seed grain supplied in 1912 and who is authorized to distribute seed grain in 1913; under what conditions seed grain was supplied during 1912, and those proposed for 1913; if provisions were supplied during 1912. what the conditions were and who gave out the supplies; if it is intended to supply provisions in 1913, what conditions will be given and who will give them out. Presented 25th April, 1913.—*Mr. Oliver* ....*Not printed.*

201. Return to an Order of the House of the 7th April, 1913, for a copy of all documents in the Department of the Interior prior to the issue of the Crown patents relating to Lot No. 217 of the Hudson Bay Company Survey, in the parish of St. John, Winnipeg. Presented 25th April, 1913.—*Mr. Proulx*.....*Not printed.*

202. Return to an Order of the House of the 31st March, 1913, for a copy of all correspondence claims and reports with reference to compensation claimed by owners of horses attached to the 10th Field Battery at Camp Petawawa in the summer of 1912, by rea-

CONTENTS OF VOLUME 28.—*Continued.*

son of damage or disease contracted while in the service; also of all such claims paid, the amounts in each case, and the persons to whom paid. Presented 25th April, 1913.—*Mr. Carvell*.....*Not printed*

203. Return to an Order of the House of the 11th December, 1912, for a copy of all papers, documents, pay-rolls, accounts, receipts, and correspondence in connection with all expenditures of money made in 1912 upon the Petite Rivière breakwater, Lunenburg County, Nova Scotia. Presented 29th April, 1913.—*Mr. Maclean (Halifax)*.
Not printed.

203a. Return to an Address to His Royal Highness the Governor General of the 9th December, 1912, for a copy of all advertisements, tenders, contracts, orders in council, letters, correspondence, &c., relating to the construction of a wharf or breakwater at Seaforth, Halifax County, N.S. Presented 29th April, 1913.—*Mr. Maclean (Halifax)*.
Not printed.

203b. Return to an Order of the House of the 20th March, 1912, for a copy of all documents, letters, correspondence, petitions, reports, &c., addressed to the Department of Public Works since the 21st September last on the subject of a wharf now under construction at St. Croix, in the County of Lotbinière, province of Quebec. Presented 29th April, 1913.—*Mr. Fortier*.....*Not printed.*

203c. Return to an Order of the House of the 19th March, 1913, for a return showing whether the repairs to Red Point wharf, Lot 48, Prince Edward Island, have been completed; if the work was done by tender or by day labour; if by tender, with whom the contract was made; if by day labour, the number of superintendents, inspectors, or overseers employed, their names, the number of days each did work, and the wages per day paid to each; the number of men employed, their names, the number of days each did work and the wages per day paid to each; who supplied the materials; the amount of each kind or class used, and the price paid for each kind or class; the total amount paid for materials, wages and cost of the work. Presented 2nd May, 1913.—*Mr. Hughes (Kings, P.E.I.)*.....*Not printed.*

203d. Return to an Order of the House of the 31st March, 1913, for a copy of all documents, papers, correspondence, representations, &c., relating to the purchase of land at Digby, Nova Scotia, for the purpose of a site for a public wharf. Presented 2nd May, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

203e. Return to an Order of the House of the 19th March, 1913, for a return showing whether the repairs to Southport wharf, Lot 48, Prince Edward Island, have been completed; if the work was done by tender or by day labour; if by tender, with whom the contract was made; if by day labour, the number of superintendents, inspectors, or overseers employed, their names, the number of days each did work, and wages per day paid to each; the number of men employed, their names, the number of days each did work and the wages per day paid to each; who supplied the materials; the amount of each kind or class used and the price paid for each kind or class; the total amount paid for materials, wages and cost of the work. Presented 2nd May, 1913.—*Mr. Hughes (Kings, P.E.I.)*.....*Not printed.*

203f. Return to an Order of the House of the 11th December, 1912, for a copy of all accounts, correspondence, telegrams, complaints and other documents in possession of the Department of Public Works, in relation to the expenditure of moneys on harbour improvements at Grand Etang, during the year 1911-12. Presented 13th May, 1913.—*Mr. Chisholm (Inverness)*.. .. ..*Not printed.*

CONTENTS OF VOLUME 28.—*Continued.*

203*g*. Return to an Order of the House of the 7th April, 1913, for a copy of all documents, correspondence, &c., relating to the purchase by the Department of Public Works of a certain quantity of timber for the construction of a wharf at St. Germain de Kamouraska, the said purchase having been made, as alleged, from Murray Castonguay during the year 1912. Presented 26th May, 1913.—*Mr. Lapointe (Kamouraska).* *Not printed.*

203*h*. Return to an Order of the House of the 29th January, 1913, for a copy of all letters written to the Honourable Minister of Public Works, or to any officer of the Public Works Department, or to any member of the government since 10th October, 1911, by G. A. R. Rowlings, John S. Wells and S. R. Griffin, relating to the construction of public works, County of Guysborough, N.S., also a copy of the replies to the same. Presented 29th May, 1913.—*Mr. Sinclair*.....*Not printed.*

203*i*. Return to an Order of the House of the 7th May, 1913, for a copy of all correspondence exchanged between the Postmaster General and M. Isidore Belleau, of Quebec, in connection with improvements contemplated in Quebec harbour. Presented 2nd June, 1913.—*Mr. Carvell*..... .....*Not printed.*

203*j*. Return to an Order of the House of the 28th April, 1913, for a copy of all papers, documents, pay-rolls, receipts, accounts, correspondence, &c., relating to repairs made upon the breakwater at Petite Rivière, Lunenburg County, N.S., in the year 1912. Presented 6th June, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

204. Return to an Order of the House of the 4th March, 1912.—1. For a copy of all reports of engineers from 1874 to 1900, relating to the most suitable site in the harbour of Quebec for the construction of a dry dock.

2. Of all correspondence exchanged on the subject of a choice of a site for the dry dock now existing at St. Joseph de Lévis, at the time of its construction.

3. Of engineers reports, plans, maps and bearings relating to the construction of a new dry dock in the port of Quebec since 1900.

4. Of all correspondence exchanged between the different companies and the government relating to the construction of a new dry dock in the port of Quebec, since 1909.

5. Also for the production of all documents submitted by the different companies who have asked for the government grant provided by the Dry Dock Subsidies Act. Presented 29th April, 1913.—*Mr. Béland*.....*Not printed.*

204*a*. Dry dock of Lévis. Report of Mr. Charles Smith against Sampson, et al.—*(Senate)*. *Not printed.*

204*b*. Return to an Address to His Royal Highness the Governor General of the 19th March, 1913, for a copy of all orders in council, plans and estimates, correspondence, papers and inquiries respecting the construction of a dry dock at Quebec or Lévis or in the port or harbour of Quebec. Presented 6th June, 1913.—*Mr. Lachance*....*Not printed.*

205. Return to an Order of the House of the 9th April, 1913, for a copy of the petition of the Restigouche Fishermen's Association to the Minister of Marine and Fisheries asking for the removal of Mr. M. M. Mowat, head guardian of the Restigouche Riparian Association as Dominion fishery officer, and the answer thereto. Presented 2nd May, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

206. Return to an Order of the House of the 13th February, 1913, for a return showing the name of the company who has the contract for the electric lighting of the government buildings and grounds in Ottawa, date of contract and period, on what notice can contract be cancelled, price paid per kilowatt hour for electric lighting, names of

CONTENTS OF VOLUME 28.—*Continued.*

buildings lighted, cost of lighting each per year, rate for electric lighting if a combined power and light rate, price for current for power purposes, if lamps are not free, price paid for the carbon and tungsten lamps renewed, are lamps marked so as to be identified as belonging to the government buildings, number of electric lamp renewals paid for during the last fiscal year, where required, number of carbon and tungsten lamps respectively in use in the several buildings and the candle power or wattage of the same. Presented 2nd May, 1913.—*Mr. Wilson (Wentworth)*
Not printed.

207. Return to an Order of the House of the 17th February, 1913, for a copy of all correspondence, letters, telegrams, petitions, memoranda, reports, tenders, deposits, recommendations and all other documents of any nature whatsoever bearing on or having relation to the erection of a public building in the city of Three Rivers, P.Q., since the 11th day of October, 1911, to date. Presented 2nd May, 1913.—*Mr. Bureau.*
Not printed.

207*a*. Return to an Order of the House of the 26th May, 1913, for a copy of all papers, letters, and documents relating to the construction of a public building in the town of Laurentides, County of L'Assomption. Presented 4th June, 1913.—*Mr. Seguin.*
Not printed.

207*b*. Return to an Order of the House of the 2nd April, 1913, for a copy of all correspondence, letters, telegrams, contracts, tenders and reports of government inspector, in relation to the work and repairs on the public building at North Sydney during the year 1912, and particularly the inspector's report on the damages caused by fire during the construction of said works and repairs; and also a copy of the tenders of Henry Lovell, for the above work. Presented 6th June, 1913.—*Mr. McKenzie.*
Not printed.

207*c*. Return to an Order of the House of the 27th January, 1913, for a copy of all telegrams, letters, documents and plans relative to the purchase or acquirement of land for the purpose of erecting a public building in Stellarton, Nova Scotia, in the year 1912. Presented 6th June, 1913.—*Mr. Macdonald*.....*Not printed.*

208. Return to an Order of the House of the 24th February, 1913, for a return showing the names of the buildings occupied by the Government as public offices, which are under rent, excepting the Centre, East, West and Langevin Blocks; the street on which each of these offices is situated and the number of the street in each case. Presented 2nd May, 1913.—*Mr. Boulay*.....*Not printed.*

209. Return to an Order of the House of the 11th December, 1912, for a copy of all accounts, correspondence, telegrams, complaints and other documents in possession of the Department of Public Works, relating to the construction of telegraph lines during the year 1911-12, from South West Margaree to Scotsville, from Scotsville to North Ainslee; from Scotsville to South Lake Ainslee and Whycocomagh; from Little Narrows to Whycocomagh; from Rossville to Big Intervale and from Rossville to the Victoria County Boundary Line, all in the County of Inverness. Presented 2nd May, 1913.—*Mr. Chisholm (Inverness)*.....*Not printed.*

210. Correspondence in connection with the area or areas prescribed for mange in British Columbia.—(*Senate*).... ....*Not printed.*

211. Report made by the Central Railway of Canada to the Railway Department.—(*Senate*).
Not printed.

CONTENTS OF VOLUME 28.—*Continued.*

212. Return to an Address to His Royal Highness the Governor General of the 10th February, 19.3, for a copy of all orders in council, letters, telegrams and of all other official documents of any kind in the possession of the Department of Customs, relating to the seizures of twenty horses from John Gobel, for smuggling them across the United States boundary near Coutts, or Writing-on-Stone, between the 20th and 28th of February, 1911. Presented 5th May, 1913.—*Mr. MacNutt*.....*Not printed.*

213. Return to an Address to His Royal Highness the Governor General of the 10th February, 1913, for a copy of all orders in council, letters, telegrams and of all other official documents of any kind in the possession of the Department of the Interior, relating to sale of school lands which have been held in the provinces of Alberta and Saskatchewan since the 12th day of October, 1911. Presented 7th May, 1913.—*Mr. McCraney*.....*Not printed.*

213*a*. Return to an Order of the House of the 2nd April, 1913, for a return showing by quarter-section, or fraction of quarter-section, all school lands sold in Manitoba, Saskatchewan and Alberta during the calendar year 1912; the price per acre at which each separate parcel was sold; the name and address of each purchaser; a list of all school lands sold at above sales which have since been cancelled; the price at which each parcel of said cancelled lands were sold, with the names and addresses of purchasers of each parcel of said lands sold and subsequently cancelled. Presented 23rd May, 1913.—*Mr. Turriff*.....*Not printed.*

213*b*. Return to an Order of the House of the 12th February, 1913, for a return showing all school lands sold in the province of Saskatchewan in 1912, giving each parcel of land sold, the name and address of each purchaser, the date and place of sale, the name of the auctioneer at each sale, and any assignments of contracts of purchase of which the government has notice, and a copy of all correspondence passing between the Government, or any member thereof, and the Government of the province of Saskatchewan or any member thereof, with respect to the sale of school lands in the said province. Presented 6th June, 1913.—*Mr. Martin (Regina)*.....*Not printed.*

214. Return to an Order of the House of the 9th April, 1913, for a copy of all petitions, affidavits, specifications, plans, drawings, claims, certificates, papers and patent rights in the Department of Agriculture or the Patents Branch thereof, with respect to Patent Number 142823. Presented 7th May, 1913.—*Mr. Carvell*.....*Not printed.*

215. Return to an Order of the House of the 28th April, 1913, for a copy of all memorials, petitions, and letters, addressed to or sent by the Minister of Agriculture, or on his behalf, in connection with the establishment of an agricultural school, model farm or demonstration station at New Carlisle, Quebec. Presented 9th May, 1913.—*Mr. Marcil (Bonaventure)*.....*Not printed.*

216. Return to an Order of the House of the 28th April, 1913, for a copy of all telegrams, correspondence, returns, &c., between the Department of Agriculture, and any other person or persons, requesting recently that the Veterinary Director General of Canada visit Nova Scotia. Presented 9th May, 1913.—*Mr. Maclean (Halifax)*.

Not printed.

217. Extent to which the Franking privilege is used by the several provinces in Canada for statistics.—*(Senate)*.....*Not printed.*

218. Return to an Order of the House of the 29th January, 1913, for a copy of all diaries and other documents relating to and showing the work performed during the months of June and July, 1912, by Homestead Inspectors Rathwell and Erratt in the Moosejaw land district. Presented 16th May, 1913.—*Mr. Knowles*.....*Not printed.*

CONTENTS OF VOLUME 28.—*Continued.*

218*a*. Return to an Order of the House of the 29th January, 1913, for a copy of all diaries relating to and showing the work performed during the months of June and July, 1912, by Homestead Inspectors Brandt, Balfour, Ouelette and Sipes, in the Regina land district. Presented 16th May, 1913.—*Mr. Martin (Regina)*.....*Not printed.*

218*b*. Return to an Order of the House of the 29th January, 1913, for a return showing the expenses of Homestead Inspectors Brandt, Balfour, Ouelette and Sipes during the months of June and July, 1912. Presented 16th May, 1913.—*Mr. Martin (Regina)*. *Not printed.*

218*c*. Return to an Order of the House of the 29th January, 1913, for a return showing the expenses of Homestead Inspector Miller of the Moosejaw land district during the months of June and July, 1912, together with a copy of all reports, proceedings, diaries and other documents, showing the work performed during the said time by the said homestead inspector. Presented 16th May, 1913.—*Mr. Knowles*.....*Not printed.*

218*d*. Return to an Order of the House of the 29th January, 1913, for a copy of all diaries and other documents relating to and showing the work performed during the months of June and July, 1912, by Homestead Inspectors Shields and McLaren, in the Swift Current lands district. Presented 23rd May, 1913.—*Mr. Knowles*.....*Not printed.*

218*e*. Return to an Order of the House of the 29th January, 1913, for a return showing the expenses of Homestead Inspectors Shields, McLaren, Erratt and Rathwell, during the months of June and July of 1912. Presented 26th May, 1913.—*Mr. Knowles.* *Not printed.*

219. Return to an Order of the House of the 26th March, 1913, for a copy of all papers, memoranda, and instructions relating to a certain area of land on the bank of Little Manitou Lake, Saskatchewan, recently transferred to the town of Waterous, for park purposes. Presented 16th May, 1913.—*Mr. Oliver*.....*Not printed.*

220. Return to an Order of the House, of the 4th December, 1912, for a copy of all correspondence and other documents in the possession of the Department of Public Works relating to the proposed interprovincial bridge between Hawkesbury, Ontario, and Grenville, Quebec. Presented 26th May, 1913.—*Mr. Proulx*.....*Not printed.*

221. Return to an Order of the House of the 1st April, 1913, for a copy of all complaints, charges, evidence and reports in connection with the investigation held at Aldershot, N.S., in September, 1912, relating to the alleged thefts of property from the militia camp. Presented 26th May, 1913.—*Mr. Kyte*.....*Not printed.*

221*a*. Return to an Order of the House of the 21st April, 1913, for a copy of all notices, tenders, contracts and correspondence relating to the supplying of ice for the military comp at Aldershot, N.S., for 1913, and of all correspondence relating to the source of such ice supply. Presented 26th May, 1913.—*Mr. Kyte*.....*Not printed.*

222. Return to an Order of the House of the 17th February, 1913, for a copy of all letters, proposals, tenders, memoranda, papers and documents in the possession of the Department of Trade and Commerce, or any department of the Government, bearing date since 1st December, 1912, relating to steamship service between Canada and the West Indies. Presented 27th May, 1913.—*Mr. Maclean (Halifax)*.....*Not printed.*

222*a*. Return to an Order of the House of the 2nd April, 1913, for a copy of all correspondence, petitions, letters, telegrams, and other documents in the Department of Trade and Commerce, or any department of the Government, relating to the SS. service,

CONTENTS OF VOLUME 28.—*Continued.*

between Mulgrave, County of Guysborough and Cheticamp, Inverness County, during the years 1910-11, 1911-12, and 1912-13, and the service to be continued during the year 1913-14. Presented 27th May, 1913.—*Mr. Chisholm (Inverness)*.....*Not printed.*

223. Return to an Order of the Senate calling upon the Clerk of the House to furnish a statement showing the number of Bills passed by the House of Commons since Confederation, which have been:—1. Amended by the Senate. 2. Rejected by the Senate. 3. Amended by the Senate and accepted by the Commons.—(*Senate*).....*Not printed.*

224. Return to an Order of the House of the 14th May, 1913, showing whether a contract was passed by the Post Office Department in the year 1911, for the use of stamp vending machines, the terms of said contract, the date, and by whom signed. Presented 2nd June, 1913.—*Mr. Lemieux*.....*Not printed.*

225. Ordinances of the Yukon Territory, passed by the Yukon Council in the year 1913. Presented by Hon. Mr. Coderre, 2nd June, 1913.....*Not printed.*

226. Names of judges of Superior and Circuit Court in province of Quebec, date of appointment, &c.—(*Senate*).....*Not printed.*

227. Return to an Order of the House of the 19th May, 1913, for a return showing the per capita taxation for the year ending 31st March, 1913, and for each of the twelve preceding years. Presented 3rd June, 1913—*Mr. Hughes (Kings, P.E.I.)*....*Not printed.*

228. Return to an Order of the House of the 29th May, 1913, for a return showing whether a certificate has been issued by the Treasury Board authorizing the transfer of the assets and liabilities of La Banque Internationale du Canada to the Home Bank; the terms of the said transfer, and all documents bearing on this question. Presented 3rd June, 1913.—*Mr. Lemieux*.....*Not printed.*

229. Report of the Canadian delegates to the International Conference, held at New York for the consideration of the Commemoration of the First Century of Peace between the United States and the British Empire. Presented by Hon. Mr. Borden, 5th June, 1913.....*Not printed.*

230. Return to an Address to His Royal Highness the Governor General of the 10th March, 1913, for a copy of all correspondence, memoranda, orders in council, departmental orders and reports from fishery overseers or other officers, during the past two years, relating to weir licenses in the waters of the Counties of Charlotte and St. John, Province of New Brunswick. Presented 6th June, 1913.—*Mr. Pugsley*.....*Not printed.*

231. Return to an Order of the House of the 24th February, 1913, for a copy of all letters and papers relating to the issue of half-breed scrip, warrant No. 2155, certificate No. 672, to Albert St. Denis, and the disposition of the said scrip. Presented 6th June, 1913.—*Mr. Oliver*.....*Not printed.*

232. Return to an Address to His Royal Highness the Governor General of the 3rd February, 1913, for a copy of all papers in connection with the withdrawal from settlement of a strip of land one mile in width along the line of the Hudson Bay Railway, and of the order in council, and also of all plans and correspondence in connection with the same, prior and subsequent thereto. Presented 6th June, 1913.—*Mr. Graham.* *Not printed.*

233. A return to an Order of the Senate dated 7th March, 1913, for a copy of all papers, letters, petitions, contracts and other papers relating in any way to the purchase of land at Le Pas for terminus of Hudson Bay road.—(*Senate*).....*Not printed.*

FORTY FIFTH ANNUAL REPORT

OF THE

DEPARTMENT OF MARINE AND FISHERIES

For the Fiscal Year

1911-12

MARINE

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
PRINTED BY C. H. PARMELEE, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1912

[No. 21—1913.]

To His Royal Highness, Field Marshal Prince Arthur William Patrick Albert, Duke of Connaught and Strathearn, K.G., K.T., K.P., &c., &c., &c., Governor General and Commander-in-Chief of the Dominion of Canada.

May it Please Your Royal Highness:

I have the honour to submit herewith, for the information of Your Royal Highness and the Parliament of Canada, the Forty-Fifth Annual Report of the Department of Marine and Fisheries, Marine Branch.

I have the honour to be,
Your Royal Highness's most obedient servant,

J. D. HAZEN,
Minister of Marine and Fisheries.

Department of Marine and Fisheries,
Ottawa, November, 1912.

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REPORT

OF THE

DEPUTY MINISTER OF MARINE AND FISHERIES

To the Honourable J. D. Hazen,
Minister of Marine and Fisheries.

Sir,—I have the honour to report on the transactions and service of the Marine Branch of the Department of Marine and Fisheries for the fiscal year ending March 31, 1912.

This report contains not only the reports of the officials of the Marine Branch but the reports of harbour commissioners, pilotage authorities, port wardens and report of wrecks and casualties. The reports of harbour commissioners, &c., are for the calendar year, and were formerly published as Supplement No. 1 of the Annual report. Since the transfer of the hydrographic survey service, tidal and current surveys, wireless telegraphy and naval militia, the reports of officers of these branches have been published in the report of the Naval Service. Space is, therefore, available in this publication for the reports formerly comprising the Supplement mentioned above. The supplement has always contained valuable information, especially in the reports of the harbour commissioners, which show the trade of the ports under commission.

The season of navigation of 1911 opened earlier and closed later than usual, giving the department fair opportunities to carry on the work of construction of lighthouses, fog-alarms and foundation piers. The maintenance of aids to navigation extended over a longer period than usual. The Quebec agent in his report states that navigation closed later in the St. Lawrence river than in any year recorded. Successful efforts were made to keep open important lake ports in Ontario and Georgian bay. The work in the eastern provinces also continued to a later period.

The expenditure of the department for the fiscal year was $5,594,997.95; the appropriations of parliament totalled $7,294,444.50; leaving the unexpended balances amounting to $1,700,090.61; overdrawn, $644.06. Of the total expenditure of the Department of Marine and Fisheries, the sum of $683,857.28 was spent for fisheries from the appropriation of parliament, and the additional sum of $159,999.70 in connection with the fishing bounty, which is not an appropriation of parliament.

The ocean and river service included expenditure on Dominion steamers for construction and maintenance. The three principal items under this head of expenditure were for Dominion steamers, investigation into wrecks, and patrolling and exploring northern waters by the steamer *Arctic*. The total expenditure for ocean and river service was $1,128,907.73. The total for public works chargeable to capital

account was $1,167,462.56. This expenditure included the outlay for dredging plant and work in the St. Lawrence river ship channel.

Lighthouse and coast service included the cost of lighthouses, fog-alarms and buoys and buoy steamers, but other large expenditures were made from this appropriation also. The total amount expended for lighthouse and coast service was $2,128,242.36. The maintenance of the scientific institutions of the Marine Branch, consisting of the meteorological and magnetic service, cost $148,144.06. The expenditure for marine hospitals, shipwrecked and distressed seamen, was $57,016.11. In connection with relief to shipwrecked and distressed seamen, it may here be noted, that different amounts were paid to the British Board of Trade to reimburse that department for expenses incurred on behalf of Canadian crews of vessels in distress. Steamboat inspection expenditure amounted to $45,353.11, which covered the salaries of inspectors and their expenses of travelling.

All the expenditure under the above headings, with subdivisions of accounts of the service, will be found in a carefully prepared statement which forms an appendix to this report.

The subdivisions and branches of service under which the whole work of the Marine Branch was carried out are as follows:—

The construction of lighthouses and fog-alarms by the Engineer's branch.

The maintenance of lights, gas buoys and other buoys by the Commissioner of Lights branch.

The Lighthouse Board, which decides the necessity for aids to navigation.

Dominion steamers.

The ship channel St. Lawrence river, and Sorel works.

Meteorological and magnetic service.

Investigations into wrecks.

Board of steamboat inspection.

Cattle shipments inspection.

Marine hospitals.

Submarine signals.

Shipping under the Merchants Shipping Act.

Legislation and administration of laws relating to the Department of Marine and Fisheries.

Humane service in connection with seamen.

Wrecking plant subsidized.

Winter communication.

Removal of obstructions to navigation.

Examination of masters and mates and issuing certificates.

Pilotage.

Government of ports and proclaiming of harbours in the Dominion.

Control of harbours and government wharfs.

Dominion steamers, Marine Branch.

Hudson bay and navigation of northern waters.

Port wardens.

Wreck receivers.

Harbour commissioners.

In addition to these subdivisions it is appropriate to mention that agents of the department at Halifax, St. John, N.B., Charlottetown, Quebec, Montreal, and Victoria, B.C., have as usual performed the duties connected with navigation and marine service in their districts under instructions from Ottawa. The work relating to the officers of the Marine Branch of the department in Ontario and Manitoba has been performed under instructions direct from headquarters.

The agents have reported in detail upon the various branches of service within their districts in the outside service. Some important and special items of information regarding lighthouse and fog-alarm construction and maintenance, movements of Dominion steamers, buoy service, submarine warnings, improvements in navigation and various subjects have been summarized for this report.

The reports of heads of branches have been summarized in examination for brevity of description in reporting upon the transactions of the department, but the comprehensive reports of the officials in charge, contain the year's work in detail.

LIGHTHOUSE CONSTRUCTION AND REPAIRS.

The construction of towers, other buildings, protection work and repairs was performed under the engineer's branch of the department. Plans and specifications of the various kinds of buildings and class of work were first prepared, and the work carried out in accordance with them under inspection.

In the province of Nova Scotia, seven wooden towers were built, one fog-alarm building, one skeleton steel tower, four pole lights, six dwelling houses, two storehouses, five oil sheds, five boathouses, one breakwater, five day beacons and one beacon for Port Churchill; three diaphones were installed, and protection work was done at seven stations; extensive repairs were made at seven stations.

In the province of New Brunswick, one reinforced concrete tower was built, four wooden towers, one foundation to a tower, one skeleton steel tower, one breakwater, two iron spindles placed in rock for buoys, one diaphone and one boiler were installed, and extensive repairs made at six stations.

In Prince Edward Island, three pole lights were erected, minor repairs to lighthouses and at stations were made, and a workshop and test shed begun at Charlottetown for use of the agency.

In Quebec, three reinforced concrete towers were erected, also seven wooden towers, one fog-alarm building, four dwellings for lightkeepers, nine pole lights, three oil sheds, two boathouses, one storehouse, three sheds, three sets of movable range lights, one duplicate diaphone plant installed and five altered and repaired, one roadway constructed, one cistern and extensive repairs made at eleven stations.

Experiments were also made at Flower ledge in connection with fog signals, and minor repairs at others.

In the Montreal agency, two range lights were completed, protection work at one station built, work at one station begun last year was completed, tower and building at St. Helen island moved and concrete pier constructed and repairs made at six stations.

The work in Ontario consisted of building one combined light tower and dwelling, two steel skeleton towers, five wooden towers, three reinforced concrete towers,

two pole lights, two dwellings, one fog-alarm building, three oil stores, two boathouses, two diaphones installed, two beacons built, one telephone line and repairs made at eleven stations.

In British Columbia the work this year was extensive, owing to the construction of a Dominion depot for storing and repairing buoys and material for lighthouses, beacons and for aids to navigation generally in the northern part of British Columbia. The station cost $177,706 under contract. One unwatched light on concrete base was built, two echo boards erected, first order single flashing light tower, one dwelling, two boathouses, re-erection of the lighthouse shelter huts for containing provisions for shipwrecked mariners on the west coast of Vancouver island, nine miles of trail from the life-saving station to Carmanah, two diaphone plants installed, material for erection of two more and for two acetylene beacons provided. Materials and machinery to replace fog-alarm plant at one station were supplied: extensive repairs to two stations were made.

The total number of light stations throughout the Dominion at the end of the fiscal year was 980, counting those range lights with separate keepers, consisting of first, second, third, fourth, fifth and sixth order, pressed bulb lights and catoptric lights. Lightships, lightboats and gas buoys are not included in the number of lights, but form a separate list of aids to navigation.

Notices to Mariners were issued, relating to the establishment of aids to navigation, changes in established aids and improvements to lighthouse buildings, fog-alarms, beacons and buoys. These notices contain valuable information and have been sent to various ports where masters of vessels can procure them for their guidance in entering ports and navigating waters in which the improvements have been made. Known obstructions to navigation, caused by wrecks and accidents to vessels, were made subjects of notices. In addition, notices were also issued for the benefit of Canadian mariners, respecting aids in waters contiguous to Canadian waters around the coast of Newfoundland, Labrador and part of the United States. Some important notices were sent out relating to changes and improvements in British and foreign waters, but these notices did not embrace all British and foreign notices received by the department. Selections only of special concern to Canadian seamen were made and included in the departmental 'Notices to Mariners.' All hydrographic notes which reached the department, however, were embodied in Canadian notices.

Work was done for the meteorological service, the life-saving service, and in wharf construction at several places.

The Dominion depot at Prescott where lanterns, lamps and illuminating apparatus are made and repaired, is now under the Chief Engineer's branch for control and management. An inventory of the plant and material, including lamps, lanterns and their parts, was made, previous to the change of control.

Lanterns and other illuminating apparatus were tested, where necessary, and shipped from the depot to the new lighthouses in the province of Ontario and eastern provinces.

The list of lights published annually in one volume will in future be published in three volumes, entitled: Atlantic Coast, including the St. Lawrence river to head of ocean navigation; Inland Waters, comprising the great lakes and minor waters in Ontario and Manitoba; Pacific Coast and inland aids in British Columbia.

The details of all work performed in the Engineer's branch will be found in the report of the Chief Engineer, Appendix No. 1.

OBSTRUCTIONS TO NAVIGATION.

Obstructions to navigation are removed either by the owners of vessels wrecked, or sunk, or by the department when the owners neglect to do so, and the amount paid for removal recovered from the owners where possible. The work of removal is controlled by the Engineer's branch and tenders are generally invited, but if unreasonably high the work may be done by the available plant of the department.

The remaining part of the hull of the *Tecumseh*, which vessel was burned in Goderich, was removed by contract at a cost of $2,350.

The steamer *Lycoming*, which sunk in Rondeau harbour, Lake Erie, was removed by contract at a cost of $4,900.

The schooner *Palestine* sunk in the Ste. Croix river, N.B., and the hull was removed by daily work under the St. John agency at a cost of $500.

ICEBREAKING.

Two contracts for icebreaking in Thunder bay were made: one to keep the harbours of Port Arthur and Fort William and West Fort William open for navigation until December 17, 1911, and to open these harbours in the spring of 1912, when the Sault Ste. Marie canal opened for navigation. The contract price was $19,250, and included an agreement to remove all lightkeepers from their stations when the lights were extinguished. Another contract was entered into to keep the St. Joseph's channel clear of ice until the extreme cold weather made ice sufficiently strong to carry teams from the mainland to St. Joseph's island, and to open the channel before the ice became dangerous for travelling in 1912; cost, $500.

LIGHTHOUSE SERVICE.

Under this head is included the maintenance of lighthouses by the delivery of supplies during the year. The Superintendents of Lights in the different agencies elected as usual for each lighthouse and fog-alarm the articles necessary to keep the lights in operation, and under their supervision these supplies were delivered to the lightkeepers. The superintendents received their instructions from the agents, with the exception of the lighthouse district of Ontario. The officer for this province has his headquarters in Ottawa, and performed the work on the great lakes successfully by means of the Dominion steamer *Simcoe*. This vessel was also employed to carry building material for repairs to lighthouses, and at the same time carried out the gas buoy service in several districts.

The work performed in the several agencies by Superintendents of Lights in connection with lighthouse maintenance has been reported by the agents.

ILLUMINANTS.

The kinds of illuminants used in the lighthouses were not changed from the previous year. They are acetylene, kerosene oil and petroleum vapour. The kerosene

oil is refined to the requirements of a specification prepared in the department, and must stand a high flash test at 60 degrees Fah. Acetylene is used in a number of unwatched lights and in the lighted buoys throughout the Dominion.

BUOYS, LIGHT-STATIONS AND SUBMARINE BELLS.

The Commissioner of Lights and Buoys has reported upon the lights in operation in the Dominion, lightkeepers and submarine warning bells and stations. His report consists of statements of the number of lights exhibited and other aids to navigation along the coasts and on the lakes and rivers, and the number of lightkeepers attending them. Gas and other buoys are under the control of this branch. Statements have been prepared showing the details of the service mentioned here.

Submarine warnings received the attention of the Commissioner of Lights. During the past year experiments have been made in the way of securing submarine bells to gas buoys by an improved attachment. In carrying out these experiments some length of time must elapse before a decision can be arrived at in relation to the durability of the connections of the bell to the buoy.

The report of the Commissioner of Lights and Buoys forms Appendix No. 2 of this report.

ST. LAWRENCE SHIP CHANNEL.

The ship channel of the River St. Lawrence between Montreal and Father Point has a total length of 340 statute miles.

The contracted part of the river, which may properly be called the 'Ship Channel,' commences at the Traverse, 220 miles distant from Montreal.

The project for the channel between Montreal and Quebec had in view a channel of 30 feet depth, at the extreme low water of 1897, from Montreal to tidal water at Batiscan, and from Batiscan to Quebec at extreme low tide. The width contemplated was a minimum of 450 feet in the straight portions, and from 550 to 750 feet at the bends. An anchorage was to be provided at White Buoy Curve, Lake St. Peter, of 800 feet in width.

The 30 foot channel is now completed to the upper end of Cap à la Roche channel, a distance of 107½ miles from Montreal. The anchorage basin in Lake St. Peter was completed and opened for navigation.

During the summer of 1911 most of the Cap Charles channel widening was completed to 450 feet in width.

The total length of channel requiring dredging is 70 miles; length dredged in 1911, one and a fifth of a mile; total length of 30 foot channel dredged is 65·25 miles; length yet to be dredged, 4·75 miles.

A good start was made on the North channel below Quebec with two dredges. It has been decided to deepen this channel to 35 feet at extreme low tide with a width of 1,000 feet. Good progress has also been made on the channel approach to floating dock basin in Montreal harbour. Owing to the nature of the material to be removed it will take one more season to complete the approach. The total cost of the ship channel from 1851 to the end of the fiscal year 1911 has been $14,524,555.51, divided into: dredging, $8,947,029.83; plant, shops, surveys, &c., $5,577,525.68.

The number of cubic yards removed amounted to . 78,231,531. In 1911-12, 4,509,904 yards were dredged.

In the report of the Superintendent of the Ship Channel work, are several comparative tables showing the number of cubic yards dredged in each year, in connection with the 27½ foot and 30 foot channels, and the nature of the material moved in the several divisions of the channel.

In the same report is shown the length of the channel at 35 feet depth to be dredged and work done. Requiring to be dredged, 90·38 miles; length of dredging done, 7·36 miles: to be dredged, 83·02 miles; cubic yards dredged, 5,648,994 in the 35 foot channel. The cost per cubic yard in different kinds of material and work by different dredges is contained in the same report. The total number of cubic yards dredged between Montreal and Quebec was 3,336,354, at an average cost of 14²¹⁄₁₀₀ cents per cubic yard: the total number of cubic yards moved by the whole dredging fleet during the year was 4,509,904, at a total cost of $588,697.60, or at the average rate of 13⁰⁄₁₀₀ cents per cubic foot.

The dredging fleet consisted of eleven dredges with tugs and scows.

The report of the Superintendent of the Ship Channel contains also the report of Captain N. B. McLean regarding the icebreaking work of the icebreakers *Montcalm* and *Lady Grey*. The last vessel to leave Montreal was the *Bray Head* on December 4. The buoys had been left in position for this vessel to pass down the river. The *Lady Grey* was employed in lifting the buoys after the river became full of floating ice.

The icebreakers began their work of icebreaking at Cap Rouge on January 12. The winter during January, February and March was very cold, and ice made rapidly from Quebec to Montreal, causing the usual jam at Cap Rouge. The steamers were unable to work advantageously during the winter. The *Montcalm* was not able without the assistance of the *Lady Grey* to clear the ice at Cap Rouge, and was sent several times to Seven Islands during the winter.

The marine signal telephone stations were kept in operation on the St. Lawrence river between Montreal and Crane island during the season of 1911, and the semaphores at St. Jean des Chaillons, St. Nicholas and St. Augustine.

The report of the Superintendent of the ship channel in detail, forms an appendix to this report. Accompanying this report is a profile map showing the progress made up to the end of 1911 in the ship channel.

SOREL SHIPYARD.

The work done at Sorel shipyard consisted principally of extensive and ordinary repairs to dredges, tugs and scows of the St. Lawrence river ship channel fleet and machinery: vessels connected with the construction and maintenance of lights, and vessels of the Public Works Department.

The building of three dredges, three twin screw tugs, one coal barge, seven dumping scows, one testing scow and one rock cutter progressed during the year. The engines and machinery for the tugs were made at St. John, N.B., and the machinery for the rock cutter was imported from Scotland.

The extensive repairs to government vessels consisted of hauling out of the water, caulking, painting and rebuilding parts of the hulls of vessels of the different classes. The other repairs were the usual overhauling and ordinary repairs made to all the departmental vessels wintering at Sorel and requiring repairs during the year.

The statement of expenditure at the shipyard shows a total of $1,216,820.03, but this sum includes the cost of operating the dredging plant in the ship channel.

The report of the Superintendent of the shipyard, with the statement of expenditure in detail, forms an appendix to this report.

Necessary repairs of a somewhat minor nature were made to a number of buildings of the shipyard, and several roofs painted. The construction of a pier for a 130 ton crane was begun and some progress made; wharfs and ways were kept in good condition.

DOMINION STEAMERS.

The tonnage, dimensions, horse-power, etc., of the different steamers of the Marine Branch are given under the heading of Dominion steamers for reference. The movements of each steamer during the season of navigation are here recorded in order to show the subdivision of the service in which she is employed. Several of the steamers are employed most of the year round, doing special service during the winter.

An account is given of the periods in which they were employed and the time in which they were laid up for overhauling and repairs.

The inspectors of hulls and machinery of Dominion steamers performed the work of inspection of those vessels and made estimates of the amount of work to be done and upon their recommendations the repairs were put in hand. Mr. T. R. Ferguson is Chief Inspector of Machinery for Dominion steamers in eastern waters, Mr. J. D. Stevens is Assistant Machinery Inspector for the maritime provinces, and Mr. T. McConkey, Ships-husband and Inspector of Hulls.

In British Columbia, the inspection was done by the general steamboat inspectors of hulls and machinery. The usual overhauling of vessels and repairs are made during winter to vessels at their winter quarters, but to vessels kept in commission the most suitable or available time is chosen.

QUEBEC DISTRICT.

'Champlain.'

The *Champlain* is a screw steel vessel, built in Paisley, Scotland, in 1904. She is 120 feet long, 30·3 feet wide and 17·6 feet deep; 225 net, 522 gross tonnage, and 87 nominal horse-power.

The *Champlain*, as on the previous year, was in the ferry service between Rivière Ouelle wharf on the south shore, Murray bay, St. Irénée and Cap à l'Aigle on the north shore of the River St. Lawrence. On this route she made two trips daily except Sundays from June 5 until September 21.

The ferry, which is 11 miles wide, was unusually difficult to keep open owing to the severity of the winter and the consequent heavy ice.

She was laid up for repairs from May 26 until June 24 and again from October 27 until November 24, and was replaced by the *Rouville*.

She transported 13,210 passengers, a large quantity of freight, served 1,854 meals to passengers, and earned $11,518.82.

'Montcalm.'

The *Montcalm* is a powerful icebreaker, specially designed for the St. Lawrence river service. She was built at Yokers, G.B., in 1904, is a twin screw steel vessel, 245 feet long, 40·6 feet wide and 15·7 feet deep; 526 net, 1,432 gross tonnage, 406 nominal and 4,250 indicated horse-power at a steam pressure of 220 pounds.

She is in command of Captain Pelletier, carries a crew of 63 men, and is engaged, in summer, in the lighthouse and buoy service in the Gulf and River St. Lawrence and Strait of Belle Isle. In winter, she is used as an icebreaker on the St. Lawrence and in continuing communication between Quebec and Seven Islands, Anticosti and other places.

The *Montcalm* sailed for the Gulf of St. Lawrence on April 19. While in the gulf she cruised from the north of Cape Race to St. Paul's island to ascertain ice conditions, and reported the information gained to the wireless station at Cape Race, Newfoundland, for the benefit of inbound vessels.

Arriving at Quebec on May 10, she was laid up. She was placed in dry dock on the last of May, had repairs made to her hull, boilers and machinery, and left the dock on July 18. Leaving Quebec on July 27 with supplies for lights in the Strait of Belle Isle, she completed a thorough inspection of lights, fog-alarms and buoys, and returned to Quebec on August 15, completing a cruise of 2,201 miles. She left on an inspection cruise on August 31 for Anticosti island and Baie des Chaleurs, returned on December 16, sailed for north shore St. Lawrence, Anticosti, Strait of Belle Isle, Gaspé, and returned on November 5, after which she assisted the *Druid* in the buoy service until the close of navigation.

She made three trips to Seven Islands: the first on December 8, the second on February 8, calling at Anticosti; and the third on March 16, again calling at Anticosti.

The balance of her time was devoted to icebreaking operations at Cap Rouge, until March 31 which closes the report for the fiscal year.

'Druid.'

The *Druid* is a single screw steel vessel, built in Paisley, Scotland, in 1902. She is 160 feet long, 30·1 feet wide, 12·5 feet deep; 149 net, 503 gross tonnage, and 59 horse-power.

This vessel is commanded by Captain Michael Gagnon, carries a crew of 31 men, is employed in the lighthouse and buoy service of the Quebec agency from Platon to Father point, a distance of 185 miles.

She is always ready for service; sailed 14,067 miles and consumed 2,403 tons coal from April 1 to November 20, 1911.

'Eureka.'

The *Eureka* is a single screw steel vessel, built in Glasgow, G.B., in 1893, for the Department of Public Works; is now in the pilot service of this department, and is

94·7 feet long, 22 feet wide, 11·9 feet deep; 170 gross, 91 net tonnage, and 40 horse-power.

She is commanded by Captain Bélanger, carries a crew of 19 men; rendered satisfactory service to the pilotage branch during the season; left her station on December 8 and wintered in the Louise basin, where she was thoroughly overhauled and put in good state of repair for the next season's work.

The number of vessels boarded by pilots from the *Eureka* during the year was 1,227 steamers, 15 yachts, 14 barques—a total of 1,256.

'Rouville.'

The *Rouville* is a screw steamer, built in the government shipyard, Sorel, in 1906; is 125 feet long, 26 feet broad, 14·2 feet deep; 301 gross, 144 net tonnage, and 54 horse-power. She is commanded by Captain Aristide Belanger, carries a crew of 20 men, and is under the control of the construction of lighthouses and fog-alarms branch of this department.

At the beginning of the fiscal year she was undergoing repairs; sailed for different stations in the gulf on April 27; returned on May 16, left for Anticosti on May 19, replaced the *Champlain* while undergoing repairs; then continued her regular work until the close of navigation, when she wintered in the Louise basin, where she was repaired and fitted out for next season's work.

'Arctic.'

The *Arctic* is a single screw wooden vessel, built in Kiel, Germany, in 1901, and bought by the Department of Marine and Fisheries in 1904. She is 161·4 feet long, 37·2 feet wide, 20·2 feet deep; 762 gross, 518 net tonnage, and 44 horse-power.

She sailed for the Arctic seas on July 7, 1910, to attempt making the Northwest passage, but was unsuccessful and returned to Quebec on September 25, 1911. The crew was paid off except the captain and steward, the latter being engaged in checking materials on board the ship. She was cleaned and placed in winter quarters in Louise dock, where necessary repairs were made.

PRINCE EDWARD ISLAND DISTRICT.

'Earl Grey.'

The *Earl Grey* is a steel icebreaking passenger and freight steamer, designed for navigating the Strait of Northumberland in winter, to keep up steam communication between Prince Edward Island and the mainland.

She was built in 1909, at Barrow-in-Furness, G.B., by Vickers Sons & Maxim, designed by Mr. Charles Duguid, marine architect of the Department of Marine and Fisheries, and is 250 feet long, 47·7 feet wide and 24·1 feet deep. Her tonnage is 2,357 gross and 930 tons net, with a displacement of 3,340 tons.

She has two double-ended and two single-ended boilers, each allowed a pressure of 180 pounds to the square inch; triple-expansion engine of 800 nominal or 6,500 indicated horse-power. The steamer is fitted with wireless telegraphy apparatus and is classed 100A 1 at Lloyds.

The *Earl Grey* left Georgetown on April 1, 1911, for Charlottetown, but was unsuccessful, and was compelled to return to Georgetown on the 8th; continued on the Charlottetown-Pictou route until May 1. She sailed for Halifax on the 10th, was docked at Dartmouth on May 18, had her bottom scraped and painted and other defects remedied, and sailed for Pictou on the 9th for coal; proceeded to Charlottetown, where she remained until June 24, when she sailed to Montreal to fit out for His Excellency the Governor General, who was preparing to leave Canada.

The *Earl Grey* was ordered to Charlottetown from Quebec on the 16th, and arrived on October 21, where she was thoroughly cleaned, repaired and fitted for winter service.

She began the winter service on December 31, 1911, making round trips daily, on the Charlottetown-Pictou route until January 9, 1912.

The vessel went on the Georgetown route on January 10, having failed to enter Charlottetown harbour. Regular trips on this route were made until January 29, when she became fast in ice four miles east of Pictou.

She reached Pictou on February 1, and continued to make regular trips until the 22nd. The 23rd was lost owing to a snowstorm.

She made regular trips until again delayed at Georgetown by snowstorm on February 28.

She left Pictou on March 11; but ice conditions being unfavourable, returned to Pictou, and returned next day to Georgetown through very heavy ice. She made regular trips until the last of the fiscal year, when she was sailing for Charlottetown but failed to enter on account of heavy ice.

The *Earl Grey* made 52 round trips on the winter routes, carried 109,084 packages of freight, weighing in all 11,820,010 pounds, or 5,410 tons 10 pounds, earning therefrom, $7,957.48; carried 2,185 first class, 1,111 second class passengers, earning $4,249. Served 1,554 meals, provided by the steward but from which the ship derives 10 cents per meal, or $155.40; 1,147 berths to passengers at $1 each, or $1,147. The total earnings, therefore, were $13,508.88.

'Minto.'

The *Minto* is a single screw steel vessel, built specially for winter navigation in the Strait of Northumberland between the mainland and Prince Edward Island. She was built in Dundee, G.B., in 1899, is 225 feet long, 32·7 feet wide, 18·3 feet deep; 372 net, 1,090 gross tonnage, and 216 nominal horse-power and 2,900 indicated.

The *Minto* was plying on the Georgetown-Pictou route from April 1 to 11, when she made her first trip to Charlottetown for the season, and remained on that route until the 22nd. On account of unfavourable ice conditions, she was compelled to go to Georgetown on April 22, and sailed for Pictou and remained on the Georgetown-Pictou route until April 31, when she sailed to Charlottetown. She returned to Pictou the same day, returned to Georgetown, left there for Pictou, left Pictou for Souris on May 2; and on the 3rd sailed for the Magdalen islands. She left Magdalen islands for Pictou on the 5th with passengers and mail, and left Pictou for Charlottetown on the 6th, when she entered the service of the Steam Navigation Company, in which she remained until May 17.

This vessel then sailed for Halifax on the 19th in command of Captain McPherson, arrived there on the 20th, was docked, had her bottom scraped and painted, her engines overhauled, water tanks repaired and decks and holds cleaned in preparation for a voyage to Hudson bay under the direction of the Naval Service.

She completed this service, arriving in Halifax on October 18; then went to Charlottetown on November 4, fitted out there for the winter service which she began on December 30. On that date she made a round trip, in command of Captain Murchieson, between Summerside and Cape Tormentine but owing to heavy ice the captain would not risk the vessel's safety, and she was put on the Charlottetown-Pictou route on January 8, 1912. She abandoned this route on the 10th owing to heavy ice, and sailed for Georgetown and remained on this route until the close of the fiscal year.

She was stuck in the ice from the 5th to the 7th, from the 12th to the 14th and on the 27th February. On attempting to enter Charlottetown on March 15 she was caught in thick ice, where she remained until the 17th, when she returned to Georgetown.

The *Minto* made 48 round trips on the winter route, carried 67,535 packages freight weighing in all 3,184$^{1735}/_{2000}$ tons; carried 1,572 first and 542 second class passengers; furnished 663 berths, and her steward provided 1,292 meals.

Receipts—		
Earnings from freight		$4,903 16
" passengers		2,812 90
" meals		129 20
" berths		663 00
" hire of ship S. Nav. Co.		1,840 63
Total earnings		$10,348 89

'Brant.'

The *Brant* is a wooden vessel, built in Charlottetown, Prince Edward Island, in 1899. She is 100·4 feet long, 19·1 feet wide, 8·5 feet deep; 58 net, 142 gross tonnage, and 33 horse-power.

The *Brant* was continually employed in the lighthouse and buoy service of the Prince Edward Island agency of this department from April 1 to December 31, 1911.

BRITISH COLUMBIA DISTRICT.

'Quadra.'

The *Quadra* is a screw steel vessel, built in Paisley, Scotland, in 1891. She is 174·5 feet long, 31·1 feet wide, 13·6 feet deep; 265 net, 573 gross tonnage, and 120 horse-power.

She is employed in the lighthouse and buoy service in British Columbia waters, and was operating in the northern waters of the province on April 1. She was laid up for general repairs from April 30 to June 15, and from the latter date until September 1 was employed in the Gulf of Georgia, and from that date until November

1 was delivering supplies to lighthouses and construction materials for wireless stations.

She continued to supply light-stations, wireless telegraph stations and attend buoys until March 31, 1912.

'Newington.'

The *Newington* is an iron screw vessel built in Hull, G.B., in 1889, and purchased by the department in 1908. She is 115·3 feet long, 21 feet wide, 11·5 feet deep; 61 net, 93 gross tonnage, and 58 horse-power.

She was constantly employed in British Columbia waters in the lighthouse and buoy service during the fiscal year.

This vessel was in dry dock undergoing repairs and painting from August 10 to September 21.

'Leebro.'

The *Leebro* is a steam vessel, 123·5 feet long, 28·8 feet wide, 11·1 feet deep; 323 gross, 198 net tonnage, and 22 horse-power. She was chartered by the department from May 19 to August 15. On December 4 she was again chartered for the lighthouse and buoy service in British Columbia waters until the close of the fiscal year.

MONTREAL DISTRICT.

'Maisonneuve.'

The *Maisonneuve* is a wooden steamer, built in Smith's Falls, Ontario, in 1894; was first called the *Gladys*; is 75·7 feet long, 9·7 feet wide, 7·3 feet deep; 18 net, 26 gross tonnage, and 9 horse-power.

She is employed in the lighthouse and buoy service under the control of the Montreal agency of this department.

'Vercheres.'

The tug *Vercheres* was employed in the lighthouse and buoy service of Montreal agency during the year. She had repairs made on her, amounting to $1,637.61.

'Acetylene.'

This vessel is principally employed in the gas buoy service in the Montreal agency.

'Shamrock.'

The *Shamrock* is a single screw wooden vessel, built in Quebec in 1898. She is 117·3 feet long, 25 feet wide, 9·7 feet deep; 237 gross, 161 net tonnage, 61 horse-power.

She is employed in the buoy service under the control of Montreal agency.

NOVA SCOTIA DISTRICT.

'Lady Laurier.'

The *Lady Laurier* is a twin screw steel vessel, 214·9 feet long, 34·2 feet wide, 17·2 feet deep; 413 net, 1,051 gross tonnage, and 186 nominal horse-power. She was

built in Paisley, Scotland, in 1902, and is employed in the lighthouse and buoy service in the Halifax agency of this department.

At the beginning of the fiscal year she left for St. John, N.B., for buoys and moorings, and continued in the buoy work until July 30, when she was ordered to proceed to the assistance of H.M.C.S. *Niobe*, ashore at Southwest Ledge. In conjunction with other vessels succeeded in towing the warship to Halifax.

On October 20, while on her way back from Sable island where she landed supplies and shipped a number of ponies, she lost two blades of port propeller.

She arrived in Halifax on the 22nd, where she was scraped, cleaned and painted; and on November 4 was towed to the Marine railway, Dartmouth, where she remained until the 9th, when she was towed to dockyard, where she remained until December 22. She again began the buoy and lighthouse service. When anchored near Barrington lightship in January 17, in very stormy weather, she took ground, began to take water and had consequently to be beached at Negro harbour.

The government steamers, *Montmagny* and *Aberdeen*, came to her relief, pumped her and she was towed from the bank on January 20, 1912; landed pumps and was put on the slip. Her bottom was examined, damage done to her keel repaired, and extensive repairs to electric apparatus, decks, engines and boilers were made.

She was taken off the dock on February 20, coaled, and during the remainder of the fiscal year was employed in her ordinary service.

'Aberdeen.'

The *Aberdeen* was laid up on the Marine slip, Dartmouth, to have old boilers taken out and new ones put in. She was taken to Halifax dockyard, June 17, to be thoroughly overhauled.

She was put in commission on July 27, and conveyed machinery for dogfish plant to Canso. Went to assistance of *Niobe* on July 30, took machinery on board for service in relieving that vessel. She was employed during the season in laying cable, in buoy service and delivering lighthouse supplies and machinery, to different stations. This steamer was also employed during the winter months in buoy service on the coast of Nova Scotia and Bay of Fundy. In the fall she lifted the coast buoys around the coast of Prince Edward Island.

NEW BRUNSWICK DISTRICT.

'Lansdowne.'

The *Lansdowne* is a wooden steamer, built at Maccan, N.S., in 1884. She is 188·6 feet long, 32·1 feet wide, 15·8 feet deep; 463 net, 680 gross tonnage, and 80 nominal horse-power.

She is employed in the lighthouse and buoy service under the control of the New Brunswick agency of this department, and was constantly employed from the first of the fiscal year until July 5, when she was placed on Hilyard's blocks, St. John, for annual overhaul and repair. She was taken off the blocks on July 30 and resumed her regular service.

When entering Beaver harbour, N.S., on September 5, in a thick fog, the ship struck bottom, causing her to leak. She sailed for St. John on the 6th and was placed

on Hilyord's blocks for repairs, under the supervision of Mr. McConkey, Shipshusband. She was taken off the blocks on the 21st and continued her work until October 6, when she was hauled on Kennedy's slip to have her propeller examined. She remained on the slip until the 14th, after which she was continually employed in the buoy service until March 28, 1912 when she was laid up at Ballast wharf for engine repairs.

'Stanley.'

The *Stanley* is a single screw steel vessel, built in Govan, G.B., in 1888, especially for winter navigation in the Strait of Northumberland. She is 207·8 feet long, 32·0 feet wide, 17·9 feet deep; 394 net, 914 gross tonnage, 300 nominal horse-power and 2,100 indicated.

The *Stanley* was in Halifax at the beginning of the fiscal year, and on April 13 went to Dartmouth. She had her bottom scraped and painted, tanks cleaned, decks and davits scraped and painted and other minor repairs made. She sailed from Halifax on May 18 and entered Prince Edward Island buoy service.

Having completed the placing of Prince Edward Island coast buoys, she sailed for Halifax on June 6 and was constantly employed in the lighthouse and buoy service until January 14, when she went to the rescue of the barque *Calburga*, which was caught in ice off Digby, N.S., and after some trouble and delay succeeded in relieving her.

The *Stanley* sailed from Digby to North Sydney on January 16, 1912, to break ice in the harbour, struck bottom but did not sustain any injury. She sailed for Amherst and Grindstone islands on the 21st, got mails, landed at the former place, anchored off Grindstone island. On the 22nd sailed for North Sydney with mail. She was taken to St. John on February 10, had boilers cleaned and sailed on the 19th.

She returned to North Sydney on March 7, coaled and proceeded to Sydney harbour to break ice; and having finished icebreaking there and at North Sydney, she sailed for Magdalen islands with 69 bags mail on March 12. While in heavy ice on the 14th the chain of the steering gear broke and she was compelled to return to North Sydney to have it repaired. She left for Magdalen islands and reached Grindstone island on the 21st, landed and received mails, again encountered heavy ice and returned to North Sydney on the 26th and to Halifax on the 29th, where she remained to the end of the fiscal year.

ONTARIO DISTRICT.

'Reserve.'

The *Reserve* is a screw wooden steamer, built in Buffalo, N.Y., in 1884, is 61·8 feet long, 15·3 feet wide, 4·8 feet deep; 36 net, 49 gross tonnage, and 30 horse-power, and is employed in sweeping the channel, towing and attending the buoys under the control of the Dominion Lighthouse depot, Prescott.

'Lambton.'

The *Lambton* is a single screw steel vessel of 89 horse-power, built in Sorel, P.Q., in 1909, is 108 feet long, 25·1 feet wide, 12·7 feet deep; 323 gross and 182 net tonnage.

She is employed in lighthouse construction and superintendence.

'Simcoe.'

The *Simcoe* is a steel, twin screw vessel of 217 nominal horse-power, that was built by Swan, Hunter and Wingham, Richardson Limited, Wallsend-on-Tyne, G.B., in 1909. She is 180 feet long, 30·2 feet wide, 15·2 feet deep; 193·8 net and 437·63 gross tonnage.

She is employed in the lighthouse and buoy service in the great lakes and Georgian bay.

'Scout.'

The *Scout* is a wooden, single screw vessel of 27 horse-power, built in Cardinal, Ontario, in 1900. She is 103·6 feet long, 25·6 feet wide, 9·2 feet deep; 70 net, 176 gross tonnage. She is employed in the lighthouse and buoy service under the control of the Dominion Lighthouse depot, Prescott.

Her boilers and machinery were inspected by Inspector Ferguson in February, 1911, and repairs suggested by him made. Her hull, also, was inspected by Thomas McConkey, Ships-husband, on January 30, 1911, and temporary repairs ordered pending a more thorough examination in dry dock. She was docked at Kingston, Ontario, for this purpose in June and thoroughly examined by Mr. McConkey, who reported that she was unseaworthy, unfit for the carrying of heavy loads in rough weather and not worth extensive and costly repairs; but he ordered temporary repairs made to enable her to do light work in fair weather.

NEW STEAMERS.

A new steamer, to be named the *Estevan*, is under construction for the British Columbia light house and buoy service. This vessel is being built by the Collingwood Shipbuilding Company, and building is progressing under the supervision of Mr. Duguid, the marine architect of the department.

Another steamer, to be named the *Dollard*, is being built for buoy service in the St. Lawrence river between Montreal and Quebec. This vessel is being built by the Kingston Shipbuilding Company, who are also building a steamer, to be named the *Bellechasse*, for service in the ship channel of the St. Lawrence river.

REPORT OF ICE-BOATS AT CAPE TRAVERSE, P.E.I., AND CAPE TORMENTINE, N.B.

The ice-boats were in commission from January 31 to March 26, 1912.

Thirteen ice-boats were repaired, 12 tinned, 3 new boats built and 6 old boats condemned.

METEOROLOGICAL SERVICE AND MAGNETIC OBSERVATIONS.

Two hundred and eighty persons received pay for various duties performed during the fiscal year—an increase of 29 over the preceding year. Of this number, 30 were employed in the central office—an increase of 5. 41 were paid salaries as observers at telegraph reporting stations, 100 for displaying storm signals and 109 for observations at outlying stations. Only those at the head office and principal outside stations

devote their whole time to the service; the others devote but a portion, and receive generally but small remuneration.

Forty-seven new stations have been established during the year: 6 in British Columbia, 7 in Alberta, 10 in Saskatchewan, 1 in Manitoba, 7 in Ontario, 7 in Quebec and 9 in Nova Scotia.

There are now 518 meteorological stations under the control of the central office at Toronto; and, as there are only 250 outside officers in the pay of this service, 268 persons throughout the Dominion gratuitously conducted regular and valuable observations.

Much importance is attached at headquarters to the development of the synchronous weather-chart and the establishment of a physics laboratory for atmospheric research.

Weather forecasts were issued twice a day from the central office at Toronto and (for British Columbia) from Victoria. Verification percentage of 86·1 were reached in the one and 84·7 in the other. There were 110 storm-signal stations in operation at the close of the calendar year, from which 2,610 warnings were issued, 92 per cent of those predictions were verified, and their value continues to be more appreciated by mariners, pilots, fishermen and shippers.

MAGNETIC OBSERVATORY.

The Magnetic Observatory at Agincourt, Ontario, made uninterrupted records of declension, horizontal force and inclination. A Toepfer earth inductor was installed in February, 1912, and used as the standard of inclination. Magnetic disturbances were recorded, the constants of magnetometer 146 of the Hydrographic survey branch determined, 90 theodolites with magnets compared, and Dominion Observatory instruments compared with those of Agincourt.

The magnetic survey of Hudson bay, started by Mr. W. E. W. Jackson in the summer of 1911, was unsuccessful owing to a leak in his vessel.

The seismographs recorded many disturbances during the year: the one at Toronto recorded 85, that at Victoria, 73. Much interest is being taken in earthquakes. Thirteen additional seismographs have been installed throughout the world, and the British Association is studying results of data obtained.

Eighty-eight determinations of time have been made. Time has been transmitted by telegraph and telephone lines, chronometers and watches compared and regulated. The time exchanges between Toronto and Quebec, Montreal and St. John, were regularly made and errors of clocks computed.

Solar observations were made on 108 days during the year ending March 31, 1912. Forty-seven of those observations showed spots on the sun, maps of which have been made; and the remaining 61 showed the sun clear of spots.

The work at the St. John, N.B., observatory is growing in volume and usefulness. Reports are telegraphed twice each day to Toronto at 9 a.m. and 9 p.m., Atlantic time. The wind station at Point Lepreaux sends reports weekly to St. John, where they are carefully analysed. Observations are made on clear nights to determine clock errors. Daily time-signals are sent over telegraph wires to all parts of the maritime provinces by automatic clock arrangements. Wireless time-signals are

sent from Camperdown, N.S., by a contrivance which automatically repeats the time-signals from land lines to wireless instruments by which they are sent to ships fitted to receive them and have their chronometers checked.

The electric clock at Halifax was installed in the Western Union's new office, and electrical connections with time-ball improved. When dismounted the clock was overhauled and repaired, and in its new position gives good satisfaction.

The Quebec Observatory conducted the usual meteorological and astronomical observations.

The correct time was given, chronometers rated and a new meteorological station established at Cap Rouge experimental farm.

The central office officials made their customary inspections, had instruments tested, repairs made and observers instructed.

The Director's annual report forms an appendix to this report.

MONTREAL HARBOUR COMMISSION.

The Harbour Commission of the port of Montreal is comprised of Major George W. Stephens, president; L. E. Geoffrion, Esq., and C. C. Ballantyne, Esq., commissioners.

The secretary-treasurer of the commissioners is David Seath, Esq.

The jurisdiction of the commission extends from Bout de l'Isle to above Victoria bridge, a distance of 17 miles.

Twelve thousand acres of water and 200 acres of improved land are under the control of the commission.

The harbour was opened for navigation on April 23, which was 22 days later than on the previous year; and closed on December 29, 22 days later than in 1910, which left the open season the same.

The revenue of the port of Montreal for the year 1911 was as follows: Wharfage dues on imports, $256,373.33; wharfage dues on exports, $103,549.29; switching of cars, $147,291.74; wharfages local traffic, $105,146.11; Grain Elevator No. 1, elevating charges, $112,573.18; rental of harbour sheds, $100,499.97; floating grain elevators, $45,111.25; rental of harbour tracks and properties, $33,949.42; floating crane, $7,128.60; interest Laporte bridge, $632.34; making a total on revenue account of $912,255.23. Amount of Dominion Government loan, $2,315,000; balance from 1910, $393,263.61—which makes the total receipts $3,656,930.44.

The expenditure on revenue account was $884,070.29. Of this amount, $503,979.58 was for interest, and $57,360.47 for property purchased for a new harbour yard and buildings.

The expenditure on capital account was $2,334,119.03:—

Grain Elevator No. 2 and jetty	$963,152 46
New Victoria pier and market basin	326,057 66
Improvements eastern section	259,069 35
High level railway	187,640 22
Permanent sheds, Tarte pier	92,389 56
Permanent shed, Victoria pier	69,206 39
Sundry items	436,603 39
	$2,334,119 03

Loans on public account of $2,315,000 was received from the Dominion Government.

The debenture debt of the corporation on December 31, 1911, was $16,607,000, of which $1,872,000 is to the public and $14,735,000 to the Dominion Government upon which the average rate of 3·31 per cent is paid.

Four hundred and one transatlantic vessels, having a total tonnage of 1,695,613 tons, arrived in the harbour during the season.

This shows an increase of 40,199 tons register over the previous season.

Three hundred and sixty-one vessels, with a total tonnage of 642,639 tons register, arrived from the lower St. Lawrence and maritime provinces, an increase of 35 vessels and 67,831 register tons. The foregoing, in addition to 11,670 vessels plying on inland waters, make a total of 12,432, having a total of 6,613,271 tons register, arrived at the port of Montreal during the season of 1911, showing an increase of 52,250 tons over the previous season and the greatest tonnage for ten years; but a decrease of 2,951 vessels from those entered in 1910.

Harbour extension work has been done; a new quay 393½ feet long was built in front of Elevator No. 2, and a foundation for a new marine tower jetty. The Victoria and Berri street subway were completed; a double track was laid on the high level railway; Victoria quay wall was completed, also a high level retaining wall between Victoria pier and market basin, and a new quay wall 935 feet long was built at the market basin.

The most important work begun was the preparing a site for the new floating dock being built in England for the Canadian Vickers Limited Company.

The harbour commission is supplying the protected basin and 30 acres of land for a shipyard.

QUEBEC HARBOUR COMMISSION.

Quebec harbour was open all winter, and the *Montcalm* and *Lady Grey* plyed between Quebec and cap Rouge. The tidal basin ice broke up on April 9, and navigation for all classes of vessels was general on April 11.

Besides a large number of steam barges, schooners and other smaller vessels, 640 ocean-going steamers docked in Louise docks and Point à Carey wharfs. 392 vessels of 1,723,630 tons register and 348,486 tons cargo entered at the St. Charles docks, which included 218,306 tons bituminous and 48,817 tons of anthracite coal.

Ninety-one vessels of 360,054 tons register, with cargoes of 44,801 tons; 579 head of cattle, 26,511 P.S. lumber and timber left the same docks during the year, while 7,463 tons of general cargo, 1,568,168 bushels of grain, 26,377 railway ties, 14,832 cords of pulpwood, were shipped from the 'Lower ports.'

The revenue for the year 1911 was $122,425.81—an increase of $1,388.97 over that of the previous year. A surplus of $15,498.32 was shown.

The expenditure on capital account was $149,656.82, as compared with $110,392.40 the previous year, but $51,315.20 was spent in the purchase of a vacant lot of 10,000 square feet adjoining East Indian wharf.

THREE RIVERS HARBOUR COMMISSION.

The Harbour Commissioners of Three Rivers are: P. A. Drolet, Esq., chairman; Joseph L. Fortin, Esq., L. P. Normand, Esq., L. E. Dufresne, Esq., J. A. Peltier, Esq.; George Balcer, Esq., secretary-treasurer.

The wharf accommodation extends from the west bank of the St Maurice river to the icebreaker, a distance of about 5,500 feet.

The total revenue, including balance from the previous year, &c., was $35,956.56, and the total expenditure, $17,763.14; leaving a balance on hand of $18,193.42.

TORONTO HARBOUR COMMISSION.

The harbour opened on March 31 and closed on December 8.

The harbour buoys were put out on April 3 and taken up on December 7.

Three thousand one hundred and ninety-two vessels, with a registered tonnage of 1,649,887 tons, entered during the year 1911.

Seventy-five vessels, besides scows and other smaller vessels wintered at the port; in all about 21,827 register tons.

Eighty-three thousand two hundred and seventy-nine tons general merchandise, 126,229 tons coal, 1,037,000 B.M. of lumber, 1,500 bushels grain, 2,560,000 brick, 368,000 scoria blocks, 7,898 tons ice, 184 barrels fruit, 9,680 crates fruit, 493,471 baskets fruit, 12,038 toise stone, and 101,898 barrels oil arrived at the port during the year ending December 31, 1911.

Thirty-eight thousand and sixty-two cubic yards of dredging was done at different sections of the harbour. A channel has been dredged through the bar, 200 feet wide on top and 600 feet in length, at the entrance of the eastern channel to a depth of 20 feet below zero, and 650 feet of concrete superstructure has been placed on the north end of East pier of eastern channel.

A channel 400 feet wide and 18 feet deep has been cut through the land bar at the western entrance; and the North pier, 2,200 feet long and 20 feet wide, has been completed.

The receipts for the year were $11,826.38, and the expenditure, $12,950.66.

BELLEVILLE, ONT., HARBOUR COMMISSION.

The receipts for the year ending December 31, 1911, were $2,023.78. The expenditure, $1,885.06, and the balance on hand, $138.72.

The amount deposited to the credit of the sinking fund is $3,389.26.

PICTOU HARBOUR COMMISSION.

The commission remains unchanged since last year, being J. R. Brown, Esq., chairman; W. A. McIntosh, Esq., J. C. Reid, Esq.; Henry G. Ives, Esq., secretary. Their report will be found in this report.

NORTH SYDNEY HARBOUR COMMISSION.

A new Harbour Commission composed of Messrs. James Bissett, Arthur McDermaid and Kenneth McLeod, was appointed on May 13 last, and Mr. McLeod, who

also acts as secretary, acknowledges receipts of all books, papers and funds from the late commission.

The receipts for the calendar year ending December 31, 1911, are $7,201.28, the expenditure $5,624.24, and the balance on hand $1,577.04.

The total number of vessels of all kinds which arrived at the port during 1911 was 2,220, having a tonnage of 1,811,223 tons register, and carrying a crew of 38,181 men.

The coal shipped amounted to 2,391,905 tons, and the steel rails to 73,085 tons.

The Dominion Iron and Steel Company, Limited, imported 73,085 tons iron ore, limestone and other materials.

The report of the North Sydney Harbour Commission forms an appendix to this report.

WRECKING PLANT.

The yearly subsidies were paid to contractors when they became due and proof shown of the maintenance of the plant in readiness to render assistance in cases of casualties to vessels. The amount of the subsidy to each contractor is $10,000 per annum, paid semi-annually.

The contracts were made for a period of five years with each contractor. For the lower St. Lawrence, the contract was made with Messrs. Geo. T. Davie & Sons, Levis, P.Q., headquarters of the salvage plant at Quebec; for the maritime provinces, with the Dominion Coal Company, headquarters of the salvage plant, North Sydney, C.B.; for British Columbia, the British Columbia Salvage Company, headquarters for the salvage plant, Victoria.

The following is a list of vessels assisted or salved by the plant of the Dominion Coal Company, Limited, during 1911-12:—

DOMINION COAL COMPANY, LIMITED.

Work done in connection with wrecking plant from April 1, 1911, to January 1, 1912:—

May 1, 1911.—American fishing schooner *Arkona* went ashore on Battery shoal, Louisburg harbour, and was pulled off by tug *Douglas H. Thomas.*

May 9.—Schooner *Elva M.* went ashore on Barrachois shoal, Sydney harbour; pulled off by tug *Douglas H. Thomas.*

June 27.—Tug *Douglas H. Thomas* pumped out schooner *Walkyrien* at Port Hawkesbury and uprighted her.

June 29.—Steamer *Heathcote* went ashore near the entrance of Big Bras d'Or lake. Tug *Douglas H. Thomas* went to her assistance and succeeded in floating steamer on July 1.

June 16.—Steamer *Ben Earn* with cargo of coal went ashore at cape Negro, Shelburne. Tugs *Douglas H. Thomas* and *Springhill* and steamer *Cabot* were despatched to her assistance immediately. Steamer was in such an exposed position that she broke up in the heavy seas and became a total loss. Steamer *Cabot* salved about 1,000 tons of her cargo.

July 30.—Received telephonic request from Department of Marine and Fisheries at Halifax for assistance to stranded H.M.C.S. *Niobe*, reported ashore on southwest ledge of cape Sable. Despatched before arrival of *Cacouna* at cape Sable. Had two tug boats and four steamers in readiness to proceed should their services be required.

August 2.—Tug *Douglas H. Thomas* was despatched to Lawn, Newfoundland, to tow disabled tug *Progress* from there to North Sydney. After *D. H. Thomas* had sailed, received word disabled tug had made temporary repairs and proceeded to St. John's.

August 3.—Despatched SS. *Cacouna* to assistance of stranded steamer *Cambodia*, ashore at Flag island, Canso, but steamer floated before arrival of *Cacouna*.

September 19.—Barque *Record* went ashore on Main à Dieu bar. Tug *Douglas H. Thomas* went to her assistance, and after great difficulty managed to take crew off. Tug stood by for long period but on account of high sea running nothing could be done to assist barque.

September 30.—Heavy gale drove schooners *Grand Master*, *Coronation*, *James A. Gray*, *Swift Current*, *Colonel Otter* and tug *Alert* ashore in Sydney harbour. Tug *Douglas H. Thomas* pulled them all off and towed them to places of safety as required by their different masters.

Yacht *Bras d'Or* broke away from her mooring in Sydney harbour and sank during same gale. Tug *Douglas H. Thomas* with assistance of divers raised her from the bottom, pumped her out, and towed her to place of safety.

October 13.—Despatched tug *Douglas H. Thomas* to assistance of schooner *Erick*, ashore in Aspy bay. After tug had worked at her for considerable time, she was forced to abandon her on account of vessel's difficult position.

October 23.—Steamer *Halrden* with cargo nitrate of soda went ashore on Four-fathom patch, thirty miles west of Louisburg. Despatched tug *Douglas H. Thomas* immediately to scene, but on tug's arrival steamer broke up in heavy sea. Her captain and crew were taken off by tug.

October 26.—Schooner *J. C. Dakin* went ashore at Barrack point, and was pulled off by tug *Douglas H. Thomas*.

The services rendered by the plant of Messrs. Geo. T. Davie & Sons:—

Assistance to M. P. & J. T. Davis' *Caisson* from graving dock to Quebec bridge.

Assistance SS. *Lake Champlain* from Montreal to Quebec. These services were performed by steamer *Lord Strathcona*.

Salvage services rendered during the year 1911 by the British Columbia Salvage Company.

January 26 and 27.—SS. *Tees* ashore near Wreck bay, west coast Vancouver island.

February 3.—SS. *Titania* ashore near Turn point, Stuart island.

January 26.—SS. *Cottage City* sunk near cape Mudge.

April 12 to 25.—SS. *Vadso* in Rivers inlet, B.C.

June 30 to August 1.—SS. *Spokane* sunk in Plumpers bay.

October 15 to 22.—SS. *Princess Beatrice* ashore on Noble island.

October 23.—SS. *Dirigo* ashore in Victoria harbour.

November 29 to December 4.—SS. *Tees* in trouble off the west coast Vancouver island.

WRECKS AND CASUALTIES.

Two hundred and twenty-five sea-going vessels were reported as wrecked, partially wrecked, suffered serious or slight damages to ship, rigging or cargoes.

The tonnage in this way affected was 83,366, the total damage reported was 461,189, and the number of lives lost 7. Of the total number of vessels, 70 were total wrecks with a loss of $280,059, while 42 vessels were very slightly, or not damaged, having in most instances been stranded in storms and escaped without any material harm. One hundred and thirteen vessels were partially wrecked with a loss of $181,121. Seventeen vessels were reported as totally wrecked in inland waters, with a loss of $227,700; 91 were partially wrecked with a loss of $105,400 and 12 vessels slightly damaged, or in some instances incurring no loss. The number of vessels affected was, therefore 38 vessels of 52,021 tons, loss $333,100, and no ilves lost.

The report of wrecks and casualties for the year ending December 31, 1911, will be found in an appendix to this report.

MONTREAL PORT WARDEN.

Navigation opened on April 26, when the *Lady of Gaspé* arrived from Quebec.

The first ocean steamer arrived in the port on April 29.

The first vessel passed through the Strait of Belle Isle on April 29.

The last ocean-going ship sailed from Montreal on December 3.

No ocean-going sailing vessel left port during the year.

Three hundred and ninety-eight transatlantic vessels reported at the Port Warden's office during the year, with a tonnage of 1,714,354 tons.

Three hundred and fifty-two vessels of all classes, with a total tonnage of 637,431 tons, entered from the lower ports—an increase of 19 vessels and 66,726 tons.

One hundred and eight vessels cleared for the lower ports, having a tonnage of 85,708 tons—an increase of 9 vessels and 12,027 tons over last year.

There was a total increase of 2,575,985 bushels of grain shipped at Montreal.

PILOTAGE.

Annual returns have been received from thirty pilotage authorities. They are published in appendices to this report, and show the names of the pilotage commissioners, pilots, number and tonnage of vessels piloted, the receipts and expenditures for the calendar year 1911. The total number of pilots employed, according to those returns, was 313; and the total receipts, $446,423.37.

A table showing the name of each pilotage district, its secretary, number of pilots and receipts is attached to the report on pilotage in this report.

MASTERS AND MATES.

The report of Captain H. St. G. Lindsay, Chief Examiner of Masters and Mates, forms an appendix to this report, and shows that 208 applicants for masters', 179 for

mates' certificates of competency and 26 for masters' temporary certificates were examined.

The receipts from fees were $3,970; the expenditure on the service, $7,226.54.

SHIPPING AND DISCHARGING OF SEAMEN.

Fewer returns have been received than for the previous year. The returns from the provinces are as follows:—

	Seamen Shipped.	Seamen Discharged.	Fees Collected.
			$ cts.
Quebec	2,631	1,970	1,916 50
New Brunswick	1,807	783	1,138 40
Nova Scotia	4,914	5,634	4,864 20
British Columbia	4,164	2,796	3,434 70
Prince Edward Island	192	107	127 60
Total	13,708	11,290	11,481 40

A full statement of the seamen shipped and discharged as sent in returns by shipping masters will be found in an appendix to this report.

MARINE SCHOOLS.

Marine schools were in operation two months in the winter at Halifax, N.S., North Sydney, N.S., Yarmouth, N.S., Collingwood, Ont., Victoria and Vancouver in British Columbia and in the city of Quebec.

Lectures bearing on navigation, seamanship and routine work on sea-going and coasting vessels were delivered at the first six schools; and men were taught subjects requisite to qualify for masters' and mates' certificates, at the school held in the city of Quebec. 156 lectures were delivered, and the total attendance was 1,733; but Vancouver school, alone, furnished 707 of this total attendance, and is the only one that shows a continued and fitting appreciation of the department's efforts to teach the theory and practice of navigation.

The report of Captain Lindsay, superintendent, forms an appendix to this report.

SICK AND DISTRESSED MARINERS.

Under the provisions of the Canada Shipping Act, chapter 113, Part V, s. 384, R.S., dues of 1½ cents per ton, registered tonnage, are levied on every vessel entering any port of the provinces of Quebec, Nova Scotia, New Brunswick, Prince Edward Island and British Columbia. The money thus collected forms the 'Sick Mariners Fund.' Vessels of the burden of 100 tons and less pay duty once in each calendar year, and vessels of more than 100 tons, registered tonnage, three times in each year.

The officers and seamen of all fishing vessels not registered in Canada do not pay sick mariners dues nor participate in the benefits accruing therefrom, but such vessels registered in Canada may pay dues and participate in the benefits, and if of more than 100 tons only for the voyage at the beginning of which payment has been made, but such vessels shall enjoy the same rights and benefits as are enjoyed by vessels which pay dues and are not engaged in fishing.

The Sick Mariners Act does not apply to the province of Ontario, so no dues are collected from vessels in that province.

At the port of Quebec sick mariners are cared for at the Jeffery Hale and the Hotel Dieu hospitals at a per diem allowance of $1.50 per seaman, including medical attendance and board.

At the port of Montreal sick seamen are cared for at the General hospital and at the Notre Dame hospital—the charge per diem at each institution being $1.50 per seaman, including board and medical attendance, and infectious cases are attended at the Alexandra hospital.

At the port of Three Rivers, sick mariners are cared for at the St. Joseph's hospital, at a per diem rate of 90 cents for each seaman. The medical officer receives $300 per annum for his services.

At the port of Chicoutimi, P.Q., sick seamen are cared for at the hospital of St. Valier, at a per diem charge of $1.20 per seaman, including board and medical attendance.

At the port of St. Johns, P.Q., sick seamen are attended at the St. John hospital, at a cost of 90 cents a day. The medical officer receives a salary of $600 a year.

Marine hospitals are maintained at Louisburg, Yarmouth, Pictou, Sydney and Lunenburg in the province of Nova Scotia; and sick seamen at Halifax, N.S., are cared for in Victoria General hospital at $1.50 a man per day, including board and medical attendance.

At North Sydney, sick seamen are attended at the Hamilton hospital at $1 per day each. The medical officer receives $750 per annum for drugs and medical attendance.

At Windsor, N.S., sick mariners receive treatment at the Payzant Memorial hospital at $5 per week for each man. The medical officer receives a salary of $120 a year.

At Amherst, N.S., sick mariners are cared for at the Highland View hospital for $4.50 a week each.

Sick seamen of Parrsborough, N.S., are cared for at the Cottage hospital, Springhill, N.S., for 90 cents each per day.

At Victoria, B.C., sick seamen are treated at the St. Joseph hospital for $1.40 each per day. The medical officer receives a salary of $600 per annum.

At Vancouver, B.C., sick seamen are attended at St. Paul hospital for $1.50 per day each.

At Nanaimo, B.C., sick seamen are treated at the Nanaimo hospital for $1 per day, board, lodging and nursing. The medical officer receives $600 per annum.

At New Westminster, sick seamen are attended at the Royal Columbian hospital for $1 a day, including board and medical attendance.

At Chemainus, B.C., sick seamen are attended at the General hospital for $1 a day, the medical officer receiving $400 per annum.

At St. John, N.B., sick seamen are treated at the General Public Commissioners' hospital for $1.50 per day.

At Campbellton, N.B., sick seamen are treated at the Hotel Dieu hospital for $5 a week each, the medical officer receiving a salary of $350 per annum.

At Moncton, N.B., sick seamen are treated at the Moncton hospital for $4 a week, the medical officer receiving a salary of $200 per annum.

A marine hospital is operated and maintained by the department at Douglastown, N.B., the medical officer receiving a salary of $400 and the keeper $250 per annum.

Where no hospital is maintained in any part of the Maritime Provinces, Quebec or British Columbia, the collectors of customs are authorized to care for sick seamen entitled to receive the benefits of the fund.

Statement of receipts and expenditure on account of 'Sick and Distressed Seamen' from the fiscal year 1900 to 1911, both inclusive:—

Year.	Receipts.	Expenditure.
1900	$59,971 84	$32,743 30
1901	59,783 34	34,944 93
1902	65,853 83	51,827 12
1903	64,851 55	48,151 48
1904	61,778 29	50,801 78
1905	58,372 34	51,000 18
1906	60,183 90	50,120 42
1907	44,704 59	34,362 11
1908	69,364 45	59,957 92
1909	53,732 31	66,349 26
1910	55,567 41	54,859 50
1911	60,637 11	54,779 27

The total amount of salaries paid to medical officers during the year 1911 was $14,660.75. The number of seamen treated was 3,012, being 222 less than the number treated in 1910 and 617 less than treated in 1909, while the number of days treatment was 26,095. The total amount spent for services of physicians, not including salaries, travelling expenses, drugs and board, was $34,621.23.

The report of Dr. C. H. Godin, Medical Superintendent of Marine Hospitals, forms an appendix to this report.

SABLE ISLAND HUMANE INSTITUTION.

The report of R. Boutilier, Superintendent of Sable Island Humane Institution, contains information respecting wrecks, patrol, staff, repairs, farming, stock on hand and killed; stock and produce shipped or ready to ship, and an inventory of sailors' clothing and bedding.

No wreck is reported, and only two steamers stranded during the year ending December 31, 1911.

A new 'Beebe-McLellan' self-bailing lifeboat was received at No. 1 station at the beginning of the year, and the old 'Beebe' surfboat transferred to station No. 4.

The island was patrolled 63 times in the morning and 28 times in the evening.

Two lifeboats were painted, warehouse and barn repaired, seven miles of telegraph wires stretched, one mile of new poles erected and the buildings at each station inspected, and repaired where necessary.

Two hundred and seventy-two bushels of vegetables, of which total 150 were mangel wurtzels and 75 bushels potatoes; 120 tons of hay were stored.

The stock killed consisted of 8 beeves, 5,583 pounds; 7 calves, 420, and 6 hogs, 900 pounds; and the stock on hand, 68 cattle, 30 horses, 2 imported mares, 2 imported stallions, 6 colts from imported stock, 200 wild ponies and 5 hogs.

The exports were 72½ barrels cranberries, 31 ponies, 1 working horse, and 5 barrels salted hides.

The total staff consists of 46 persons.

The report of the superintendent forms an appendix to this report.

INSPECTION OF LIVE STOCK SHIPMENTS.

The reports of inspectors of live stock shipments for Montreal, P.Q., and St. John, N.B., show that 3,725 sheep, 45,966 cattle and 138 horses were shipped from Montreal; and 1,798 sheep, 2,001 cattle and 14 horses from St. John—a total of 5,523 sheep, 47,967 cattle and 152 horses. 320 U.S. mules were shipped from Montreal, 424 from St. John—a total of 744; and 15,691 U.S. cattle shipped from Montreal, 1,881 from St. John—a total of 17,572.

CORRESPONDENCE AND RECORD BRANCH.

The records branch of the department embraces the receiving and despatching of letters. The letters and telegrams received are registered, numbered, stamped with date received, indexed, placed on files, and the files charged and distributed to the officers who take action upon the letters and telegrams. Copies of letters are placed upon the files, and the files examined to ascertain if all letters have been answered or acknowledged, and then they are discharged and placed in receptacles.

The registering of letters consists of entering the number of the file and a brief synopsis of the subject of the letter; the indexing includes pages of personal names in a book, and the card system, locality names, subjects and vessel names. The number of communications received during the year 1911 was 49,064.

The letters and telegrams despatched are copied in letter press books and indexed. The number of letters despatched during the year was 38,000. The increase in the numbers of letters received and despatched during the last ten years shows the growth of the work of the department and consequent increase of staff, as a whole, including the records branch. An establishment book is maintained in this branch in which the names of all employees of the department are recorded.

The letters received in 1901 numbered 18,741 and despatched 13,000, while in the past year 49,064 were received and 38,000 despatched.

SIGNAL SERVICE.

The signal service of Canada as it is now established was carried on in 1911 as usual. The superintendent of the signal service at Québec has under his supervision a

number of stations in the Gulf and River St. Lawrence and Strait of Belle Isle. From these stations daily reports are received concerning the weather and movements of vessels. Ice conditions are also noted and reported in the season when moving ice forms a danger to navigation. Bulletins were issued at Quebec to vessel owners, agents and others interested in shipping, and telephoned to the Board of Trade, Montreal Shipping Federation and others. The quarantine station at Grosse Isle and the pilot station at Father point were daily informed of the movements of inward bound vessels.

The telephone service in connection with signal service extends from Montreal to Quebec, over a rented line and from Quebec to Crane island over the public service line. It has proven of great value to the dredging fleet and to pilots, who are kept informed of movements of vessels, doing away with the former uncertainty of the whereabouts of vessels and preventing delays to both vessels and pilots.

WORKSHOPS.

Workshops are maintained by the department at Sorel, Halifax, Quebec, Prescott, and Parry Sound. The workshops at Sorel are of course the most important as construction of vessels is carried on at the shipyard as well as the making of repairs to vessels. Several separate buildings have from time to time been erected for the proper division and performance of the work. The buildings consist mainly of the office, draughting room and general store, boiler shop, machine shop and power house for electric plant, blacksmith shop, joiner shop, boat building and general woodwork shop; sawmill, including planing machine and moulding machinery, pattern shop and vessel moulds and sail loft, tinsmith shop, building for storing vessel's equipment and stables. In addition, there is a fire equipment, a narrow gauge railway with sheds, also a railway track from the Sorel railway station for freight cars.

At the Dominion lighthouse depot, Prescott, the shops are mostly within the main building. It contains the main office, draughting room, photometric room where tests are made of lighthouse apparatus, carpenter shop, pattern shop, blacksmith shop, vapour lamp and erecting department, paint shop, shipping department and general store. The machine shop and acetylene department is each in separate buildings. The number of workshops at Quebec is seven, viz., the boiler shop and forge, machine shop, tinsmith and plumber shop, carpenter and boat shop, joiner shop, paint shop and sail loft.

At Halifax, the workshops are connected with the dockyard and are mainly a blacksmith shop, carpenter and boat shop, machine shop, paint shop and tinsmith shop. Extensive repairs are made to buoys and moorings and repairs to the machinery of the Dominion steamers.

At Parry Sound, the depot is mainly used for storing acetylene, gas buoys and lighthouse tanks and charging them with acetylene. The buoys and tanks are painted and prepared for placing in the spring; a few mechanics are consequently employed at this depot.

STEAMBOAT INSPECTION.

All passenger steamboats over five tons gross tonnage are subject to inspection yearly of boilers, machinery, hulls and equipment according to the rules of steamboat inspection.

Every freight steamer of more than one hundred and fifty tons gross is subject to inspection yearly, according to the rules of steamboat inspection for boilers, machinery and hulls.

Freight steamers, tug boats and steamers used for fishing purposes, under one hundred and fifty tons and more than five tons gross tonnage, are subject to inspection of boilers and machinery, according to the rules of steamboat inspection.

At present there is no fee charged for inspection except upon steamers registered elsewhere than in Canada when engaged in carrying passengers between Canadian ports and not holding a British Board of Trade certificate. The fee is then, in Canada, eight cents on the gross tonnage of such foreign steamer.

Canadian registered vessels inspected during the fiscal year numbered 1,833 gross tonnage, 509,129. Vessels inspected, but not registered in the Dominion, numbered 159; gross tonnage, 213,796 tons. The amount of fees collected for inspection was $400,231.

The total expenditure in connection with inspection amounted to $45,353.11, but part of this expenditure was for inspection of Dominion steamers and fog-alarms. The report of the chairman of steamboat inspection forms an appendix to this report.

STEAMBOAT INSPECTORS.

Edward Adams	Ottawa, Ont.
J. A. Thomson	Victoria, B.C.
H. G. Robinson	Vancouver, B.C.
A. E. Hopper	Vancouver, B.C.
W. J. Cullum	Victoria, B.C.
G. P. Phillips	Kenora, Ont.
J. Dodds	Toronto, Ont.
J. B. Stewart	Toronto, Ont.
E. W. McKean	Collingwood, Ont.
T. P. Thompson	Kingston, Ont.
W. Laurie	Montreal, Que.
L. Arpin	Montreal, Que.
F. X. Hamelin	Sorel, Que.
N. A. Currie	Halifax, N.S.
C. E. Dalton	St. John, N.B.
J. H. Fontaine	Quebec, Que.
G. M. Arnold	Toronto, Ont.

HULL INSPECTORS.

J. C. Kinghorn	Victoria, B.C.
W. Evans	Toronto, Ont.
M. R. Davis	Kingston, Ont.
P. Duclos	Quebec, Que.
C. W. Seely	Halifax, N.S.
I. J. Olive	St. John, N.B.
S. D. Andrews	Collingwood, Ont.

SHIPS TACKLE INSPECTORS.

J. M. Martin..... St. John, N.B.
A. Martin..... Montreal, P.Q.

LIFE-SAVING SERVICE.

The life-saving service of the department, in the past, has included a number of stations supplied with life-saving apparatus, considered sufficient to render ordinary assistance to vessels ashore or needing help, when in distress, along our shores. The boats are principally Beebe-McClellan self-bailing surf boats, and in a few instances Dobbins self-righting and self-bailing boats. But the latter were found to be too heavy for the number of men generally available for volunteer crews, who are only paid for annual drills and when assistance is rendered. The Beebe-McClellan surf boats have in late years been supplied the stations.

Total number of stations maintained is..... 37
Total number of boats is..... 35
Total number of crews is..... 225

LEGISLATION.

The following Acts were passed and assented to during the First Session, Twelfth Parliament, 1-2 George V., viz.:—

An Act respecting the Harbour Commissioners of Montreal.

An Act to provide for further advances to the Harbour Commissioners of Montreal.

An Act to amend the Quebec Harbour Commissioners Act, 1899.

An Act to amend the Canada Shipping Act.

An Act to incorporate the Winnipeg and St. Boniface Harbour Commissioners.

A. JOHNSTON,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 1.

ANNUAL REPORT OF THE CHIEF ENGINEER OF THE DEPARTMENT OF MARINE AND FISHERIES.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit the following report of the work done in the several services under the supervision of this office during the twelve months ended March 31, 1912.

This embraces work done at departmental headquarters on the construction of lighthouses, lightships and fog-alarms, the supervision of construction and repairs of lifeboats; the administration of the vote for the removal of wrecks and obstructions in navigable waters; and the publication, examination and correction of hydraulic charts; construction of and repairs to fish hatcheries and refrigerators; engineering points in connection with the construction and maintenance of fish-passes; supervision of surveys of oyster beds; examination of applications for foreshore, wharf and other water lots as they affect the interests of navigation; preparation and publication of notices to mariners and hydrographic notes, &c.

STAFF.

The following changes have been made during the year in the staff of my office:—

Mr. F. P. Jennings was sent from the office in February, 1911, to superintend the construction of the new departmental depot on Digby island, near Prince Rupert, and was still there at the end of the financial year.

Mr. J. L. O'Brien was temporarily employed as a draughtsman from July 12, 1911, to August 22, 1911, and Mr. L. A. Stewart from June 29, 1911, to September 30, 1911, in consequence of pressure of work.

Miss E. M. McCullough has been employed as typewriter since July 14, 1911, Miss L. M. Gay since July 17, 1911, and Mr. J. A. Breen since December 2, 1911.

Mr. E. J. Wight, draughtsman, resigned from the service on September 30, 1911.

Mr. W. H. Carson, engineer-draughtsman, was absent at Ile Parisienne, acting as inspector of work, from September 1, to November 21, 1911.

OFFICE WORK.

The largest part of the work done by the general staff of the branch consists in the construction, repair, or improvement of light buildings, fog-alarms, beacons and other aids to navigation, the supply of new or improved illuminating apparatus, &c., the payment of expenditures for these services being made out of the vote of $1,000,000 for construction of aids to navigation. Full details of the work done in this connection during the past year are contained in a separate report in tabular form attached hereto, which gives a complete statement of all expenditure charged to the vote in question. (Inclosure A.)

In addition to the work of this branch done under the above vote, the staff have been called upon to perform work of varied description for other branches of the department, and which may be summed up as follows:—

For the Meteorological Service Branch.

Erection of 12 storm signal masts in Nova Scotia.
Erection of 1 storm signal mast at Shippigan, New Brunswick, cost $129.47.
Erection of 1 storm signal mast at Cobourg, Ontario, cost $75.
Erection of 1 storm signal mast at Paspebiac, Quebec.
Repairs to 1 storm signal mast at North Sydney, Nova Scotia.
Repairs to 1 storm signal mast at Port Arthur, Ontario.
Removal of 1 storm signal mast at Glace Bay, Nova Scotia.

For the Maintenance of Wharfs Branch.

Repairs to wharf at Freeport, N.S.
Repairs to breakwater at Cape Tormentine, P.E.I., at a cost of $130.76.
Repairs to wharf warehouse at St. John, N.B.
Repairs to wharf at Paspébiac, Que.
Repairs to wharf at Tadoussac, Que., at a cost of $36.54.

For the Life Saving Branch.

Construction of a breakwater at Port Mouton, N.S.
Construction of a slipway at life saving station, Escuminac, N.B.
Construction of a dwelling, boathouse, slipway and roadway at Little Wood island, N.B.
Construction of a bungalow at station, Richibucto, N.B.

For the Maintenance of Lights Branch.

Repairs to dwelling at Quaker island, N.S.
Building buffers at corners of government wharf, Parry Sound, Ont., at a cost of $31.64.
Repairs to station, Discovery island, B.C.
Repairs to station, Lennard island, B.C.
Repairs to station, Race rocks, B.C.

A clerk has been detailed to look after the completion of the titles to all properties owned by this department, and as this includes over one thousand lighthouse sites, besides other properties scattered throughout the Dominion, and even in Newfoundland and the United States, the work has proved very heavy. The destruction by fire in 1897 of all the department's records has also complicated and retarded the work. My aim is ultimately to have on record a deed of every piece of property owned or leased to the department, or leased by the department, with registration in the local registry office as well as in the office of the Registrar General at Ottawa. In the case of all new properties acquired, expropriation plans and descriptions are filed in addition to the usual notarial deed, as an extra precaution.

The work in connection with applications for water lots also continues to be very heavy as will be seen by reference to the draughting room statistics. Every application has to be examined, entered on an index plan, plans and descriptions checked, and the proposition reported upon and valued. This involves a great deal of detail, and takes the full time of one draughtsman.

Plans and specifications for all important new buildings and repairs, new vessels, &c., are made or approved in this office.

The following table indicates the work done in the draughting office during the twelve months ended March 31, 1912:—

Description of Work.	Plans Designed	Plans Received	Copies Made.
Lighthouse towers and dwellings	12	2	451
Fog alarm buildings	2	3	84
Details	46	23	997
Wharfs, piers, &c	4	11	24
Outbuildings	2	4	221
Machinery	19	19	182
Lanterns and illuminating apparatus	5	88	113
Buoys and apparatus	2	41	128
Day beacons	1	1	15
Steamers	3	1	3
Land surveys	47	188	311
Plans relating to water lot applications	8	124	79
Miscellaneous	36	171	342
	187	676	2,949

Total plans for twelve months from April 1, 1910, to March 31, 1911	3,812
Charts received and recorded	300
Charts received and entered in chart books	45
Photographs received and recorded	260
Specifications written	117
Notices to mariners issued (comprising 340 subjects)	115

PUBLICATIONS.

The work of preparing and issuing notices to mariners continues to be heavy and urgent; during the past twelve months 115 notices, covering 340 subjects, have been published. Amongst important notices, involving considerable labour in compilation, and representing useful work done in the department, are:—

Hydrographic information as to anchorages in the vicinity of Bic.

Lists of buoys and descriptions of buoyage in Goderich harbour; in the Bay of Quinte; in Presqu'ile bay, involving a revision of system: in Portland canal, B.C.: in Byng inlet; in the Magdalen islands; in Victoria harbour and Port McNicoll; in the St. Lawrence ship channel between Cap Charles and Cap à la Roche, and in Repentigny channel, including re-numbering, with a description of this new alternative channel.

Tidal information respecting the north shore of the Gulf of St. Lawrence; and later the result of tidal observations and advice as to the best routes in making the entrance to the St. Lawrence river.

A description of the North Atlantic trade routes adopted by the leading trans-atlantic lines.

A complete list of wireless telegraph, telephone, and telegraph signal stations operated by the Government of Canada on the eastern coasts, as far west as Montreal, with particulars respecting the mode of operation.

The adoption of true azimuth bearings instead of magnetic bearings in future publications of the department, including notice to mariners and lists of lights and fog signals.

During the past twelve months notices relating to waters outside of Canada were issued, covering twenty items relating to Newfoundland and Labrador, six items relating to the inland, and three to the Pacific waters of the United States, as well as eight notices refering to transatlantic subjects. No attempt is made to issue a complete synopsis of British or foreign notices, but merely to publish items likely to be of immediate interest to Canadian vessels, or to vessels leaving Canadian ports for the more important or frequented foreign ports.

PERSONAL INSPECTIONS.

During the past year a large number of personal inspections were made by myself and by my principal assistant, Mr. B. H. Fraser. I consider that the more closely construction work is watched and the more personal supervision is given to the general investigation into requirements on the ground by principal officials of the department, the more efficiently can the work of the department be carried out.

The following are the more important of the inspections made by me during the past year:—

In May, 1911, an inspection of aids to navigation at the foot of Lake Ontario.

In June, an inspection of the River St. Lawrence from Montreal to Bergeronnes.

In June and July, an inspection of the upper lake lights, finishing with an inspection of the completed portion of the Trent canal.

In August and September, a very thorough inspection of Nova Scotia stations east of Halifax.

In January, 1912, an inspection in the Maritime Provinces, including investigation of the site of a Departmental depot in St. John.

In February, an inspection of aids to navigation on the Red river and Lake Winnipeg.

In March, an inspection of conditions at the mouth of Muskoka river, resulting in the establishment of a system of lighting.

I am instructed to include in this report copies of my general reports on the inspection of the Trent canal system, and on the inspection of Nova Scotia lights, resulting from two of the above mentioned trips:—

REPORT OF INSPECTION OF TRENT CANAL SYSTEM.

July 28, 1911.

To the Deputy Ministerof Marine and Fisheries,
Ottawa.

SIR,—I have the honour to report that, in accordance with instructions, I joined Mr. J. H. McClellan, superintendent of the Trent canal, at Orillia on the morning of the 3rd instant, and in his company, on the canal steamer *Bessie Butler*, inspected the Trent canal system from Orillia to Peterborough on the 3rd, 4th and 5th, and I must confess to a feeling of surprise at the large extent of the system as already developed, and at the great amount of work that has been done in providing aids to navigation.

Length of System.

From the head of Lake Couchiching to Healey Fall there is uninterrupted navigation for 160 miles, for vessels of 6 feet draught, and if the lake navigation not included in the direct line is reckoned its extent would probably exceed 100 miles more. Lakes Simcoe and Couchiching have, of course, always been navigable, the direct route through them from Washago to Gamebridge being 25 miles long. Between Lake Simcoe and Balsam lake a canal has been excavated for a distance of 19 miles, following in a general way the course of the Talbot river. On this stretch occurs the Kirkfield pneumatic lock, with a direct lift of 50 feet. From Balsam lake there is a succession of lakes linked by short stretches of river, covering a distance of 62 miles to Lakefield. Thence to Rice lake the course of the Otanabee river is followed for 31 miles passing Peterborough, with its fine lock with a lift of 65 feet. Rice lake is followed for 18 miles and the Trent river for 14 miles to Healey Fall.

Limiting Sizes.

The canal was originally designed for 5-foot navigation, and from Lindsay to Port Perry on the Scugog river, a branch merely of the direct route, only 5 feet are yet available. The 5-foot scheme was at an early date relinquished in favour of 6-foot navigation, and a large portion of the canal is built with locks having a mini-

mum length of 134 feet, a width of 33 feet, and a depth on the sill of 6 feet. Work lately undertaken is designed for 8-feet-4-inch navigation, and the lock at Rosedale has been built 175 feet long, 33 feet wide, with that depth on the sill. The contracts now under way between Healey Fall and Trenton contemplate locks of the same dimensions with a 9-foot channel between the locks.

Character of Work.

All the work upon the canal has been done in a very substantial way. Locks are of concrete (the earlier ones of cut stone); the Kirkfield and Peterborough lift locks are so well known as to require no description; a fine bascule bridge at Lindsay and a concrete arch bridge in the township of Eldon are worth noting; most, if not all, of the other bridges are of steel.

Traffic.

The route has heretofore been handicapped by the fact that it has no outlet at either end so that steamers on the system cannot enter the St. Lawrence or the Great Lakes and *vice versa*. Within about three years from this date the Trenton end of the canal will be opened into the Bay of Quinte, and I have not the slightest doubt that the opening will admit a swarm of small steamers into the interior waters of the system, principally pleasure yachts during the summer season. Rice lake, Stoney lake, Sturgeon lake and other parts of the system are already thickly sprinkled with summer cottages, and a large number of ferry steamers and gasoline launches ply on the waters. The quantity of freight traffic at the present time is infinitesimal and I doubt if the canal will ever compete largely with the railways that now tap the district. However, the passenger traffic is large and will undoubtedly be larger in the future, at least for the summer months.

Power Development.

Besides the work done on the canal proper a great deal of work has been done in developing water power, which of course does not come within the scope of this report.

Reservoir System.

A large area of northern lakes has been put under control by damming, to form reservoirs for the regulation of the levels in the canal reaches and of the supply of water for power.

Wharfs.

There is a large number of wharfs on the route, some of which were built by the Department of Public Works, the others by the canal. Many of the wharfs were built by the canal authorities and paid for by the Public Works Department, and all are maintained by the canal in very neat condition.

Some of the more recently built are very fine concrete structures, notably the wharf at Lakefield. I understand that there is some system of lease or toll whereby a limited income is derived from them.

Aids to Navigation.

Mr. McClellan has met the needs of navigation by establishing no less than 317 buoys and 26 lighthouses. The buoys are spars, nicely dressed and painted, moored with concrete sinkers; the port hand buoys are all painted white instead of black, and I think this is a great improvement, as they can be seen in the dark when dark objects are absolutely invisible; they can also be picked up very much more readily with search-lights than dark coloured objects. Their superiority in visibility over the red buoys was so marked that I think the desirability of changing all our black

buoys to white worthy of consideration. The lighthouses are small buildings with clapboarded sides painted white; they taper to a very small square at the top surmounted by a lantern one to two feet square; 14 of them on the Scugog river are built on cedar floats at the bends in the channel. A few of them are lit with acetylene; the others have very inferior oil lights, but are probably good enough for the purpose required.

Recommendations.

Mr. McClellan is very anxious that the system of buoys and lights should be extended, and drew my attention to the necessity for having an extended system in operation by the time the canal is opened to Lake Ontario. It appears to me desirable that reasonable facilities for navigation should be provided, and I presume that it should be a function of this department to maintain existing buoys and lights. An objection to be urged is the fact that the canal authorities have the only facilities for establishing and maintaining these aids. Possibly some arrangement might be devised similar to the understanding reached with the Public Works Department about wharfs whereby the control would remain as it is in the canal authorities, this department contributing the cost or a portion of the cost of maintenance. In any event it appears to me that the 26 lighthouses should be included in our List of Lights. I recommend:—

(1) That a sum be paid to the Department of Railways and Canals out of the vote for construction, to recoup that department for the expenditure already incurred in providing lighthouses and buoys, the amount to be settled by the Minister.

(2) That a small allowance be made to the Department of Railways and Canals out of the construction vote, annually, for the next five years, for increasing in number the aids to navigation, especially on the Trenton division, so that they will be ready for the opening of navigation to Lake Ontario.

(3) That a small allowance out of the maintenance vote be paid over, annually, to the Department of Railways and Canals, for maintenance of lights and buoys, with the understanding that they will maintain these as heretofore, utilizing their own steamers and their own staff for doing the work, as in this way the work can be more easily and economically done.

Enclosures.

I append a memorandum of buoys and lighthouses together with estimated cost thereof submitted by Mr. McClellan. With regard to the cost I consider Mr. McClellan's estimate too high, and think it might be divided by two.

I took full notes regarding details of the route, which would be out of place in a general report but which I have filed so as to be available for reference if required, and I can give at any time called upon information as to details from my very close examination of the canal as far as Peterborough.

I append hereto for examination:—

(1) A reference guide book to the canal, just published, which contains very good plans of the lakes on the system, to which I have added notes;

(2) A set of photographs, supplied by one of the canal officials, of a cement gun which might be profitably adapted for our own concrete repairs;

(3) Some photographs taken by myself along the route, annotated.

Respectfully submitted,

WM. P. ANDERSON,
Chief Engineer.

GENERAL REPORT OF INSPECTION OF NOVA SCOTIA LIGHTS EAST OF HALIFAX.

October 27, 1911.

To The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit the following general report on the result of my late inspection of lights on the Nova Scotia coast east of Halifax, with deductions which I drew therefrom:

Condition of Stations.

On the whole the stations in this district are not kept as tidy as they are in other parts of the Dominion. The outside premises are usually littered with firewood, fishing equipment and miscellaneous odds and ends, and there is little effort made to have things trim and shipshape as they should be around a government establishment. I found the buildings in good order, and very few repairs required. The painting in most cases is very bad; this I shall refer to lower down when discussing supplies.

Keepers.

The untidiness referred to is due to the fact that the keepers are generally chosen from amongst the fishermen, and all fishing establishments along the coast are notoriously dirty and untidy. It would be a very great advantage if men destined to be keepers of our more important light-stations received some preliminary training at a depot or at a few selected lighthouses under competent supervision, where the necessity for cleanliness and for perfect adjustment of the illuminating apparatus could be impressed upon them as part of their duties. In this connection, I would remark that we always find the best kept lighthouses where the keepers are married men with their wives and families living at the stations. At some stations I found dwelling houses provided but not occupied. Occasionally keepers did their work by substitute, a practice that is absolutely contrary to the rules of the department and that should be strictly forbidden, not only because old cheap men are hired for the work but also because it is a scandal that a lightkeeper should draw a good salary, pocket the greater part of it and furnish no service for the money thus secured.

Illuminating Apparatus.

I think I am within bounds in saying that the illuminating apparatus in this district is in worse condition and includes more out-of-date equipments than any other district in the Dominion. I have made separate reports on many stations which require immediate change of apparatus, and these will be dealt with separately. We very often found lamps out of focus, reflectors out of plumb, or lenses out of level. The lanterns as a rule were good, much better than the illuminating apparatus, and in most cases quite good enough to be used with new apparatus.

Inspection.

I must pay a tribute to the very great energy and intelligence displayed by Captain Johnson in connection with his duties as inspector. On the trip he was a very hard worked man, and had his files, books and supplies in first rate order. It is, however, impossible for any inspector, no matter how good a man he may be, to keep stations in order by one hurried visit in a year. His time during this visit is so occupied in delivering supplies, checking the keeper's books, and attending to the multifarious questions arising out of supply, that he cannot give the time necessary to instruct the keeper in his duties or in putting the illuminating apparatus in proper order. Very often such overhauling of apparatus would mean delay for a day

or more, and there are more economical ways of doing this work than holding a large supply steamer while it is being undertaken. I think that our apparatus erectors should spend their whole time in patrolling the coast and making sure that the keepers understand the importance of *clean apparatus in proper adjustment*, and of obtaining the best possible flames out of the lamps with which they are provided. This would mean a stay at each station over at least one night.

Supplies.

The distributing of supplies is a matter of some difficulty in consequence of the illiteracy of many of the keepers. They are provided with forms on which they should show what supplies they have on hand and what supplies they will require for the next year. Sometimes these are not filled out at all; often they are improperly filled out, so that frequently the storekeeper in Halifax has to guess at what is required at a station. The consequence is that, as no risk can be taken of omitting supplies that would be required, many articles are unnecessarily duplicated. Captain Johnson is endeavouring to overcome this by filling forms of his own, but it is slow work, and at some stations we found that certain classes of supplies had accumulated so that quantities sufficient for two or three years were on hand. This is especially the case at small stations where the lightkeeper is not in residence. At two or three places we found that the keeper lived at a long distance from the light, and he could not be got to the station during our visit. At such places, of course, it was impossible to check the supplies, and the nearer lightkeepers are forced to reside to their lights the better service we naturally obtain.

The paint supplied in past seasons, as evidenced by the results on the buildings, has been just as bad as I have previously reported in other districts. The red paint especially is very bad. Within a few weeks after being put on it turns to any colour but red, and specimens of building might be selected, originally red, of any colour through white and purple to black, but not red. These buildings were painted with Sherwin-Williams' red paint, and I cannot account for the fact of it turning different colours, but certainly no more of that quality of paint should be purchased. A great deal of the painting is very badly done by the lightkeepers; they do not appear to have any judgment as to the thickness with which it should be put on, or of the proper way to lay a flat coat. At some stations, especially in interior work, I found thick streaks of paint laid on over accumulations of dirt; the old paint had neither been scraped nor had the keeper taken the trouble to sweep the room before painting. I think it would be well to prepare special printed instructions convenient for reference by the lightkeepers, and punish them in some way for bad work in painting.

Oil.

The oil in this district is all supplied in cases and these cases were so badly nailed and the cans in them were of such thin tin that I venture to say there was a loss of ten per cent of the oil. The cases were thick enough but were made of soft wood. The bottoms were nailed on with too small nails; the consequence was that with the rough handling of the cases, many of the bottoms were forced off, the cans would then fall on to the point of a nail and holes resulted, which would speedily empty the cans. The remedy for this would appear to be better wood or better nailing. The tops are screwed on, but I think this is a useless expense for two reasons. In the first place the contractors hammer the screws in instead of screwing them in; in the second place the keepers never take the trouble to unscrew the tops but break them off and frequently punch holes in the tops of the cans for vents. Some inspection of both cans and cases seems desirable by the purchasing branch.

The question of the return of empties is a serious one. I doubt very much if it pays to take these cases away from the stations. We landed at Sydney six hundred

cases. For these, if in good order, I believe the department received 10 cents apiece. Probably 20 per cent of them were not in good order. The tins when empty, rust very quickly and if we get any of these rusted tins back again another element of leakage is introduced. The $60 which we got for the cases meant certainly over a day's delay for the ship and involved a good deal of handling by the crew which they did not relish. I think the whole question of the handling of oil should be taken up by the purchasing branch. In the United States Lighthouse Service I believe the oil is delivered in very heavy cans surrounded singly by cylindrical wooden cases. These cans are emptied at the station and brought back immediately and are refilled from bulk at the depot. At our important stations it would be well to build in large plate iron tanks strong enough to guarantee freedom from leakage through corrosion and have these tanks filled immediately upon the receipt of the supply, and if possible, have the oil conducted to the lantern by an air pressure system. This would eliminate many sources of dirt and waste.

One word in conclusion respecting the handling of the steamer *Lady Laurier*. I was pleased with the efficiency and promptness with which the supplies were handled. Before we reached a station the supplies for that station were collected on deck and the boats were ready for lowering before the anchor was dropped. The officers and men worked willingly, sometimes under very disagreeable conditions, and I consider it a remarkable achievement to have supplied over one hundred lighthouses in three weeks, especially as the long runs to Sable island and Cape Race were included, that some time was lost through bad weather, and that work could generally only be done by daylight. The landings on the Atlantic are more or less exposed and rough. The surf boats when loaded draw a good deal of water. It was usually necessary for the crew to jump out into the water and the two boat crews were practically wet through every day from daylight to dark or later. I think this should not be expected of the sailors, and I suggest that ten suits of waders be supplied to this crew and similar suits to all other crews engaged in similar work for their protection. These waders cost about $5 a pair and are put on under ordinary boots. Especially during the fall trips of the steamers it is no more than humane to protect the men by such equipment.

Respectfully submitted.

WEST COAST TRAILS.

The work on the West Coast Trail was continued during the season of 1911, and the trail completed as far as Nitinat river. During the fiscal year the amount spent on this work was $20,988.88.

It is proposed to continue the work during the coming season, but as a footpath only, as far as Carmanah lighthouse, which ought to furnish all the communication required at present on the west coast.

PRINCE RUPERT DEPOT.

The most considerable and important work undertaken by my branch during the past year has been the construction of a departmental depot on Digby island, near Prince Rupert. This included the erection of a buoy shed, machine shop and engine house, with the installation of the necessary power plant and machinery, the provision of dwellings for the agent, the several foremen, and the labourers, these being required in consequence of the absence of any living accommodation on the island, and finally the construction of a fine wharf, built of reinforced concrete piles, with a wooden deck.

The work was done under contract by the Pacific Coast Construction Company, their contract price being $159,445. During the past fiscal year the sum of $156,813.31 has been spent on the work. The station is now practically completed, and it will be necessary to instal a sub-agent and staff during the next fiscal year.

From this depot it is hoped that all aids to navigation in northern waters can be maintained with much less expense and with greater efficiency than when it was necessary to send all steamers and supplies from our Victoria agency.

ST. JOHN (N.B.) DEPOT.

For some years past the department has been endeavouring to secure a site for a departmental wharf and depot at St. John for the service of the Bay of Fundy aids to navigation. Several sites have been examined with that end in view. In February last a desirable site was found on the Carleton shore, just above Navy island, in an eddy where the spring freshets should not interfere with the use of the wharves.

A large extent of property was purchased with valuable water frontage on which wharves will be constructed during the coming year.

REMOVAL OF OBSTRUCTIONS.

During the past twelve months the following work has been done, under the annual appropriation for the removal of wrecks and obstructions:—

(1) The steam barge *Tecumseh* which sank in Goderich harbour, Lake Huron, was removed by W. L. Horton, the contract price being $2,350.

(2) The steamer *Lycoming* which sank in Rondeau Harbour, Lake Erie, was removed by the Hacket Towing and Wrecking Company of Amherstburg. The contract price was $4,900.

(3) The schooner *Palestine* which sank in St. Croix river, N.B., was removed by day labour under the direction of the department's agency at Halifax, at a cost of $500.

(4) Removal of logs from Letch harbour, N.B., at a cost of $4.

(5) Removal of a snag from the river at St. John, N.B.

HYDROGRAPHIC WORK.

The hydrographic surveys previously under the control of this department, are now administered by the Naval Department. As, however, most of the information contained in the Canadian notices to mariners relates to work done in this department it has not been thought desirable to transfer their preparation. Therefore any hydrographic notes reaching the department are prepared for publication in this office, and embodied in notices to mariners.

In preparing these, special attention has been paid to publishing all information obtainable respecting the hydrography of Canada, and the fullest possible sailing directions have been appended to all descriptions of aids to navigation so as to increase the value of the notices. On January 1, 1912, they were changed in form, to make them more easily available in correcting charts and other documents, as well as to conform to British Board of Trade usage. At the same time astronomic bearings, stated as azimuths, were substituted for the magnetic bearings previously given, which will ensure greater accuracy.

The usual annual edition of the list of lights and fog-alarms in the Dominion, corrected up to April 1, 1910, was issued during the summer, the reprints of the portions relating to the Great Lakes and British Columbia bound separately for the use of mariners in those waters.

ICE-BREAKING.

Two contracts were entered into, during the present season, for ice-breaking in Thunder bay and vicinity:—

(1) The Canadian Towing and Wrecking Company, Limited, of Port Arthur, contracted with the department to keep the harbours of Port Arthur, Fort William and West Fort William open for navigation until December 17, 1911, and to open those harbours in the spring of 1912 in time to admit upward bound vessels to enter the harbours as soon as the Sault Ste. Marie canal should be open for navigation. The contract price was $19,250, which included an agreement to remove all lightkeepers in the vicinity from their stations at the close of navigation in 1911.

(2) A contract was entered into with S. Shipman, of Sault Ste. Marie, Ont., to keep free from ice the channel between Kensington Point, on the north shore of St. Joseph channel, and a convenient landing on St. Joseph island, or Campement d'Ours island, the work beginning in the autumn of 1911, and continuing until the ice had formed to sufficient thickness to permit teams of horses to cross in safety. The work also included the breaking of a channel in the spring before the ice becomes dangerous, and keeping the channel free until general navigation was resumed. The contract price was $500.

In both of the above cases the work was satisfactorily done, under the supervision of the harbour masters of the respective ports.

Respectfully submitted,

WM. P. ANDERSON, M. Inst. C. E.,
Chief Engineer.

Chief Engineer's Office.
Department of Marine and Fisheries,
Ottawa, Canada, April 1, 1911.

(Inclosure A.)

DETAILED REPORT OF THE CHIEF ENGINEER OF THE DEPARTMENT OF MARINE AND FISHERIES ON CONSTRUCTION, ESTABLISHMENT AND IMPROVEMENT OF LIGHTHOUSES AND OTHER AIDS TO NAVIGATION, UP TO MARCH 31, 1912.

To the Deputy Minister,
Department of Marine and Fisheries,
Ottawa.

Sir,—I have the honour to submit in tabular form a detailed report on work done in the construction and establishment of aids to navigation, for the twelve months ending March 31, 1912, being a summary of the total expenditure from the vote for the construction of aids to navigation.

NOVA SCOTIA.

NEW AIDS TO NAVIGATION.

Light station.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
				$ cts.
Caribou channel	Establishment of two pairs of day beacons on Gull and Doctor islands	Day's labour	G. J. Murray	313 36
Eastern points	Erection of pole light with shed at base	Contract	J. W. Smith, Lunenburg.	190 00
	Inspection expenses			9 40
Friar Head Boat harbour	Erection of a 15-foot pole light with shed at base	Contract	Amédée Aucoin	150 00
	Purchase of site, supply of lantern, &c			48 12
Hall harbour	Erection of a 29-foot high square wooden tower supported on four steel columns, surmounted by a square wooden lantern	Contract	A. H. Dyas, Parrsboro	325 00
	Provision of the steel substructure	Furnished under general contract	Goold, Shapley & Muir, Brantford	341 45
Hampton	Erection of a 33-foot high square wooden tower with sloping sides, surmounted by a square wooden lantern	Contract	J. F. Titus, Hampton	585 00
	Inspection fees, purchase of site, &c			88 97
Joggins	Erection of a 32-foot high square wooden tower on four steel columns, surmounted by a square wooden lantern	Contract	A. L. Mury, West Arichat	678 00
	Provision of the steel skeleton substructure	Furnished under general contract	Goold, Shapley & Muir, Brantford	337 15
	Inspection fees, &c			50 55
Man-of-War pt.	Erection of a 32-foot high square wooden tower with sloping sides, surmounted by a square lantern	Contract	P. L. MacFarlane, Baddeck	974 00
	Inspection fees, surveying site, &c			63 86

NOVA SCOTIA—*Continued.*

NEW AIDS TO NAVIGATION—*Continued.*

Light station.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
				$ cts.
Owl head.....	Erection of a 36-foot high square wooden tower with octagonal lantern.....	Contract.....	F. H. Stoddard, Jeddore	2,650 00
	Provision of an iron lantern.....	Furnished under general contract	Victoria Foundry Co., Ottawa.....	626 50
	Inspection fees, purchase of site, &c.....	.....	.....	230 83
West Arichat....	Erection of a mast light on Government wharf.....	Day's labour....	A. Mury.....	65 34
Buoys and beacons	.....	.....	.....	7,297 70
	This item includes the purchase of one submarine bell buoy, two automatic gas buoys, 18 can buoys, and the staking of Goose bay channel with spar buoys.			

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Amet island.....	Repairs to crib work and to roof of building.....	Day's labour....	Alex. Cameron.....	692 24
Beaver island...	Erection of an oil shed.....	" ..	Henry Backhouse.....	196 70
Caribou island..	Building of protection work.....	" ..	Hector McKinnon.....	780 23
Coffin island.....	Cribwork protection work.....	" ..	H. B. Wolfe.....	701 68
Country harbour	Erection of a storehouse.....	" ..	S. C. McMillan.....	393 54
Flint island.....	Erection of a double dwelling...	Contract.....	A. McAskill, Glace Bay	4,300 00
	Inspection fees, &c.....	.....	.....	218 67
	Alterations and changes in lighthouse tower and boathouse....	Day's labour....	J. L. Colter.....	937 98
Fort Churchill. (Hudson bay)	Provision of a steel frame for a day beacon to be erected by the R.N.W.M.P.....	Furnished under general contract	Goold, Shapley & Muir, Brantford.....	447 00
	Supplies shipped in connection with above construction.....	.....	.....	25 94
Jerseyman island	Construction of a new boathouse, and small repairs to lantern deck railing.....	Day's labour....	H. Sampson.....	158 35
Kidston island..	Erection of a new 50-foot high square wooden tower with sloping sides, surmounted by an octagonal lantern (replacing the old tower, which will be demolished).....	Contract.....	L. Mury, West Arichat.	1,006 50
	Provision of a lantern.....	"	Victoria Foundry Co., Ottawa.....	626 50
Mauger beach...	Preliminary expenses in connection with a new dwelling to be erected next season.....	.....	.....	72 90
McNab island...	Construction of a wooden boathouse. (Will be completed during the season 1912-1913)...	Day's labour....	E. G. Geizer.....	213 21
Medway head...	Construction of a new lantern and other small repairs. (Will be completed during the season 1912-1913.).....	" ..	LeB. J. Atkins.....	143 74

NOVA SCOTIA—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS—*Continued.*

Light station.	Nature of the work.	How performed.	Contractor. or foreman.	Expenditure during fiscal year.
				$ cts.
North cape	Erection of an oil store. (Will be completed during the season 1912-1913)	Day's labour	J. McNeil	535 41
Page island	Erection of a new oil store. (Will be completed during the season 1912-1913)	"	J. A. Huskins	110 80
Petitdegrat	Extension made to dwelling	"	S. Sampson	572 84
Pomquet island	Alterations to light, re-shingling roof of building, and other small repairs	"	P. Durrant	470 76
Prim point	Replacing old fog alarm building by a new one, and installation of new plant	"	D. F. Young	4,364 94
	Provision of a 3-inch diaphone and class "D" duplicate plant.	Furnished under general contract	Canadian Fog Signal Co. Toronto, Ont	6,162 67
Pugwash	Preliminary work on the construction of 100 feet of protection work around the light-house. (Will be completed in the season 1912-1913)	Day's labour	W. H. Brown	31 26
Quaker island	Construction of an oil store. (Will be completed during the season 1912-1913)	"	G. C. Webber	149 94
Race, Cape	Fog alarm improved by the installation of two powerful 7" diaphones	Furnished under generalcontract	Canadian Fog Signal Co. Toronto, Ont	6,213 17
Ronde, Cape la.	Repairs to dwelling and protection work. (Will be completed during season 1912-1913)	Day's labour	Philip Mauger	2,351 64
St. Mary, Budget	Building of protection work. (Will be completed during the season 1912-1913)	"	D. Dickson	391 13
St. Paul island	Erection of a new dwelling for the fog alarm engineer	"	J. L. Colter	3,462 63
Sable, cape	Repairs to coal shed	"	A. H. Cunningham	39 00
Sambro island	Erection of a new wooden dwelling for the lightkeeper	Contract	Geo. H. Lantz, Sambro	1,985 00
Scatari	Erection of a new boathouse and slip. (Will be completed during season 1912-1913)	Day's labour	James Fearing	359 49
Sydney, S.E.bar	Erection of a 35-foot high square wooden dwelling with hip roof, surmounted by an octagonal lantern and built on a 15-foot crib-work pier with concrete exterior. (In the water off the bar, replacing the old light-house on the south-east bar)	Contract	Chappell Bros., Ltd., Sydney	7,350 00
	Building protection work for pier	"	"	1,000 0
	Inspection fees and installation of a 10,000-blow machine			708 05
Thrumcap isld. (Marie-Joseph)	Building a breakwater	Day's labour	C. H. Baker	1,132 87
Wolf point, Ship harbour	Erection of a new storehouse and crib protection work	"	G. W. Siteman	292 04

NOVA SCOTIA—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS—*Continued.*

Light station.	Nature of the work.	How performed.	Contractor. or foreman.	Expenditure during fiscal year.
				$ cts.
Miscellaneous expenses				5,298 79
	Such as salaries of erectors, travelling expenses of local officers and inspectors, telegrams, &c.			
Lanterns	Purchased from the American Gas Accumulator Co., to be charged out against the several stations where those lanterns will be used			7,400 00
				61,297 61

NEW BRUNSWICK.

NEW AIDS TO NAVIGATION.

Barnes point	Erection of a 27-foot high square wooden tower, with sloping sides, surmounted by a square wooden lantern	Contract	John A. Lea, Sackville	982 80
	Inspection fees			39 31
Lords cove	Provision and erection of an iron spindle	Day's labour	E. A. Lambert	77 70
St. John	Purchase of site for the erection of a new departmental depot			69,000 00
Tiner point	Balance on work done last fiscal year on reservoir repairs	"	A. Splane	19 71
Tinker ledge	Provision and erection of an iron spindle	"	E. A. Lambert	77 70
Buoys and beacons				116 00

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Buctouche bar	Protection work repairs (this work was started during last fiscal year)	Day's labour	H. Gallant	84 32
Dalhousie	Completion of work of raising tower	"	P. B. Troy	34 87
Douglas island	Purchase of lighthouse site		Dalhousie Lumber Co.	300 00
Enrage, cape	Repairs to fog alarm and building of a concrete reservoir	"	John Ganong	733 94
Escuminac	Completion of improvements to buildings started last year	Contract	Edw. Rourke, St. John West	237 39
Fort Monckton	Building a breakwater around the old militia burying ground (the cost of this work was borne equally by the Marine and Militia Departments	Day's labour	R. P. Lowther	281 97
Gannet rock	Provision of a 5-inch diaphone to replace old machinery	Furnished under general cont'ct	Canadian Fog Signal Co. Toronto	2,797 20
Grindstone isl'd.	Erection of a reinforced concrete tower and extension to coal shed	Day's labour	W. F. Fitzgerald	4,418 01
Gull cove	Expenditure in connection with purchase of site of lighthouse			19 55

NEW BRUNSWICK—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS—*Continued.*

Light station.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
				$ cts.
Hampstead	Erection of a 21-ft. high square wooden tower and lantern to replace mast light on wharf. (Will be completed during the season 1912–1913)	Contract	G. W. Palmer, Tennant's cove	650 00
Harper point	Completion of erection of a tower on pier started last year	Day's labour	J. Kelly	89 66
Heron island	Purchase of site for a boathouse to be erected during the season 1912–1913		Wm. Maxwell	15 00
Machias Seal island	Repairs to fog alarm reservoir	"	J. Ganong	397 29
Partridge island	(1) Building 9-foot concrete foundation under lighthouse tower	"	J. E. Kane	
	(2) Installing boiler and extending fog alarm building. (The last item will be completed during the season 1912–1913).	"	James Carleton	2,451 60
Quaco	Building new concrete floor over reservoir	"	F. J. Lewis	79 85
Sheldrake island range lights	(1) Erection of a 34-foot square wooden tower, surmounted by a square wooden lantern, for the front range light	Contract	John J. Fitzgerald, Newcastle	1,450 00
	(2) Erection of a 50-foot steel skeleton tower surmounted by a wooden lantern for the back light			
	Inspection fees, &c			83 50
Miscellaneous expenses	Including salaries of erectors, travelling expenses of local officers, &c			1,029 72
				15,153 27

PRINCE EDWARD ISLAND.

NEW AIDS TO NAVIGATION.

Brighton beach	Provision of additional land at the back range light		Jas. Lewis, Brighton	60 00
Fish island	Erection of a 22-foot pole, to carry a lens lantern, as a back range light	Day's labour	G. L. Gaudin	63 65
West point	Expenses in connection with the erection of two pole lights. (Will be completed during the season 1912–1913)			34 32
				157 97

PRINCE EDWARD ISLAND—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Light station.	Nature of the work.	How performed.	Contractor or foreman.	Expenditur during fiscal year.
				$ cts.
Charlottetown Departmental stores	(1) Providing tools for workshop (2) Fitting up office on marine wharf (3) Fitting up carpenters shop (4) Planking Government wharf (5) Building a gas buoy test shed (6) Carrying pipe line from marine wharf to office (7) Removing wires on poles on west side of marine wharf (8) Cutting down eastern slip of marine wharf (Some of the works enumerated above are unfinished but will be completed during the season 1912-1913.	Day's labour	G. L. Gaudin, J. R. Davies	1,101 00
Grand Tracadie	Moving towers to new sites	"	J. Macdonald	25 00
Miscellaneous expenses	At Souris and Wood island			10 52
				1,136

QUÉBEC.

NEW AIDS TO NAVIGATION.

Anse à Beaufils	Erection of a 25-foot pole carrying an anchor lens lantern; also a small oil shed on the beach	Contract	N. Lagacé, Anse à Beaufils	150 00
Basse pointe	Erection of a 30-foot high square wooden tower, on four steel columns, surmounted by a square wooden lantern	Day's labour	J. U. Dubé	278 55
Bélier, île au	Erection of a 26-foot pole carrying an anchor lens lantern (to serve as a back light to form a range with an existing light)	Contract	Eph. Potvin	300 00
Caribou	Purchase of sites for range lights to be erected during season 1912-1913		J. & H. Savard	100 00
Clarke City	Erection of a 20-foot pole carrying an anchor lens lantern, with wooden shed at base	Day's labour	J. A. Smith	95 70
Escoumains	Erection of a 20-foot pole carrying an anchor lens lantern	"	C. Bélanger	35 38
Ferolle point	(1) Erection of a lighthouse tower, fog alarm building, double dwelling, boat and storehouses	"	T. Thibodeau	13,551 50
	(2) Provision of Class "D" duplicate diaphone plant. (Will be completed during season 1912-1913.)	Furnished under general contract	Canadian Fog Signal Co. Toronto	6,115 89

QUEBEC—*Continued.*

NEW AIDS TO NAVIGATION—*Continued.*

Light station.	Nature of the work.	How performed.	Contractor. or foreman.	Expenditure during fiscal year.
				$ cts.
Flat island	Erection of a lighthouse tower, dwelling, shed, boathouse, and construction of a roadway (Will be completed during season 1912–1913)	Day's labour	D. Bilodeau	4,802 12
Flower ledge	Establishment of an experimental fog signal station, using cotton powder bombs	"	Quebec workshops	233 51
Gaspé basin	Erection of two wooden towers on cribwork piers (started in 1910–1911)	Contract	Arthur Morin, Gaspé	3,255 00
	Inspection fees, &c			214 80
Mistook (Lake St. John)	(1) Erection of range light masts carrying anchor lens lanterns	"	Jas. Fleury, S. C. de Marie	125 00
	(2) Construction of an oil store	"	Ed. Fleury, S. C. de Marie	90 00
	(3) Purchase of sites			109 45
Natashkwan	Preliminary expenses in connection with site for the erection of a new lighthouse during 1912–1913			143 35
Peribonka river Lake St. John	Establishment of three sets of movable range lights	Contract	N. Laberge	682 00
Ste. Adélaïde de Pabos	Erection of a 25-foot pole hoisting lens lantern, with wooden shed at base	"	F. Molloy	85 00
	Purchase of site and deed of sale			148 20
St. Mary island	Erection of a lighthouse tower and dwelling. (Will be completed during season 1912-1913)	Day's labour	F. E. Coté	5,088 04
Simard	Survey and purchase of sites for erection of range lights during season 1912–1913		E. & H. Simard	130 75
Rivière à la Pipe	Erection of a pole light to form a back light to range	Contract	A. Morin	15 00
Buoys and beacons	This item covers the cost of the labour on the manufacturing of buoys for the Gulf St. Lawrence, the Saguenay River and Lake St. John. The work was done in the Quebec departmental workshops.			1,858 30

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Amherst island wharf	Erection of a 30-foot high wooden tower square in plan, supported on a steel skeleton framework, and surmounted by a square, wooden lantern (Ironwork provided last year)	Day's labour	J. H. Dubé	199 94

QUEBEC—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS—*Continued.*

Light station.	Nature of the work.	How performed.	Contractor. or foreman.	Expenditure during fiscal year.
				$ cts.
Amour, point....	(1) Improvements to fog alarm station.....	Day's labour...	A. Perron.....	3,897 35
	(2) Repairs to tower and dwelling, including the re-sheathing of tower, renewing double windows and building a porch.....	" ...	A. Tremblay.....	
Anguille, cape...	Provision of a 5-inch diaphone..	Furnished under general contract.....	Canadian Fog Signal Co., Toronto.....	2,797 11
	Completion of an addition to fog alarm building, minor repairs and installation of diaphone plant.....	Day's labour...	.....	76 35
Bagot Bluff (Anticosti).....	Completion of an 80-foot reinforced concrete tower, construction of a double dwelling, fog alarm building, new storehouse and sheds.....	" ...	I. Blanchette.....	10,811 32
Belle Isle (N.E. end).....	(1) Provision of two 7-inch diaphones to be installed during season 1912-1913.....	Furnished under general contract.....	Canadian Fog Signal Co., Toronto.....	6,119 08
	(2) Completion of a concrete wharf and repairs to dam, boatslip, sewer pipes and also repairs to fresh water pipes....	Day's labour...	D. Bilodeau.....	1,681 89
Belle Isle (S.W. end).....	Completion of payment for repairs carried out during season 1910-1911.....	" ...	Quebec workshops.....	236 07
Bicquette.....	Repairs to fog alarm machinery.	" ...	A. Ouimet.....	325 39
Carleton point...	Construction of a new 32-foot high square wooden tower surmounted by an octagonal lantern.....	Contract.....	C. Bernier, Carleton....	1,260 00
	Inspection fees, purchase of site, &c.....	.....	.....	322 78
Chat, cap.....	Expenses in connection with lighthouse site, &c.....	.....	.....	54 20
Entry island....	Provision and installation of seven spar buoys.....	Contract.....	Wm. McLure.....	140 00
Etang du Nord..	Provision of a new lantern, to be used on the new lighthouse to be erected during season 1912-13.....	Furnished under contract.....	Victoria Foundry Co., Ottawa.....	626 50
Fame point.....	Provision of a 5-inch diaphone...	Furnished under general contract	Canadian Fog Signal Co., Toronto.....	2,797 11
Father point....	Alterations and repairs to dwelling.....	Contract.....	P. Hudon, Rimouski....	1,531 83
Fox river.....	Purchase of site in view of proposed moving of range lights, registration of deeds, &c.....	.....	.....	157 30
Grand Entry....	Changes to range lights.....	Day's labour...	A. Turbide.....	64 02
Greenly island..	Repairs to fog alarm machinery.	" ...	Wm. Chevrier..... J. L. Richard	1,471 92

QUEBEC—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS—*Continued.*

Lightstation.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
				$ cts.
Little Metis	Construction of a new dwelling and outbuildings, also a cistern	Day's labour	V. Talbot	4,205 21
Lower Traverse lightship	Provision and installation of a diaphone	Furnished under general contract	Canadian Fog Signal Co., Toronto	321 53
	Provision and installation of a marine engine	Furnished under general contract	Canadian Fairbanks Co	298 80
Magdalen, cape	Alterations to fog alarm machinery oil tanks and water supply	Day's labour	A. Ouimet	280 01
Monts, pointe des	(1) Completion of a dwelling house, started during season 1911–1912	Contract	L. Bouchard, Portneuf-en-bas	1,000 00
	(2) Sheathing repairs to tower	Day's labour	A. Perron	3,485 64
Noire, pointe	Erection of a wooden shelter shed	Contract	J. Lacroix, Tadoussac	350 00
	Inspection fees			14 00
Port Daniel	Provision of materials for improvements to shed			46 77
Portneuf-en-bas	Completion of the erection of a 3-section steel skeleton tower surmounted by a wooden watchroom	Day's labour	J. U. Dubé	723 10
Quebec Agency	Preparing and making buoys and beacons to be used in the Gulf	"	Workshops	1,858 30
St. Pancras	Purchase of lighthouse site		P. Q. Land Dept	200 00
Seven islands	Building a porch on fog alarm building	Day's labour	Quebec workshops	13 60
Upper Traverse	Repairs and placing iron plates on pier	"	C. Potvin	688 18
	Miscellaneous expenses, including salaries of erectors, wages, travelling expenses of local officers, telegrams, &c			7,625 50
				55,630 20

MONTREAL DISTRICT.

NEW AIDS TO NAVIGATION.

Tétreauville	Erection of range lights, the rear one being a 4-section steel skeleton tower purchased and paid for last fiscal year	Day's labour	P. Beauchemin	1,176 01
	Purchase of sites			1,400 00
			—	2,576 01

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Besserer crossing	Rebuilding and bank saving mattress	Day's labour	Capt. J. D. Weir	138 12
Bloody island	Repairs to pier foundation	"	Capt. J. D. Weir	79 36

MONTREAL DISTRICT—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS—*Concluded.*

Lightstation.	Nature of the work.	How performed.	Contractor or foreman	Expenditure during fiscal year.
				$ cts.
Grondines	Further expenditure in connection with work reported on in last year's report			183 00
Louiseville	(1) Purchase of sites of range lights			100 00
	(2) Moving pole lights	Day's labour	B. Brault, Inspector	50 00
Perrot île	(1) Replacing and rebuilding range	"	Capt. J. D. Weir	226 50
	(2) Purchase of site of front range light			320 00
Petite île course	Purchase of site			20 00
Ronde, île	Repairs to lighthouse	Day's labour	T. Auclair	152 78
St. Helen isld	Moving tower from guard pier and building a concrete pier (Will be completed next season)	"	J. Ouimet	15,647 00
St. Peter, lake	Repairs on curve No. 2 and 3 lights	"	B. Brault, Inspector	269 35
St. Placide	Repairs to front tower of down stream range	"	Capt. J. D. Weir	192 30
Steamers, scows, &c., used on construction work	Repairs, fittings to boats, pay and board of crews of the following craft: *Adelard, Alpha, Davis, Hosanna, Napoléon* and *Quebec*			12,322 26
Vaudreuil	Rebuilding day beacons	Day's labour	Capt. J. D. Weir	46 20
Miscellaneous expenses	Including travelling expenses of officers, wages, rent of barges, salaries of temporary office help—also a refund to another branch of the service for work done in connection with construction of lights in the Montreal district			20,890 28
				50,637 15

ONTARIO.

NEW AIDS TO NAVIGATION.

Badgeley island	Establishment of range lights consisting of the construction of a combined dwelling and tower, forming the front light; and the erection of a steel skeleton tower, for the back light; also an oil store, boat house and slip	Day's labour	M. J. Egan	4,135 41
	Provision of the steelwork for back tower	Furnished under general contract	Goold, Shapley & Muir, Brantford	542 81
	Provision of an iron lantern	Furnished under general contract	Victoria Foundry Co., Ottawa	625 26
Byng inlet	Provision of lumber for the erection of day beacons			16 75

ONTARIO—*Continued.*

NEW AIDS TO NAVIGATION—*Continued.*

Lightstation.	Nature of the work.	How performed.	Contractor. or foreman.	Expenditure during fiscal year.
				$ cts.
Hog island.....	Erection of a 33-foot high square wooden tower and lantern.....	Contract.....	Jas. Harriman, Niagara Falls.....	949 50
	Purchase of site, &c.....	.....	.....	52 04
Michipicoten is., northeast end.	Erection of a 65-ft. high hexagonal reinforced concrete tower stiffened by six flying buttresses, surmounted by a circular metal lantern, also a dwelling, oil store and boathouse. Work at this station was started during 1910–1911.....	Day's labour...	T. H. Brewer.....	6,840 84
Mitchell bay....	Erection of two poles exhibiting fixed lights from lens lanterns.	Contract.....	Wm. Robertson, Chatham.....	190 00
Parisienne, île...	(1) Erection of a reinforced concrete tower, double dwelling, fog alarm building, oil store and boathouse.....	Contract.....	Wm. Fryer, Collingwood.....	6,500 00
	(2) Provision of a class "D" diaphone and duplicate plant.....	Furnished under general contract	Canadian Fog Signal Co., Toronto.....	6,079 28
	(3) Provision of an iron lantern..	Furnished under generalcontract	Victoria Foundry Co., Ottawa.....	1,312 60
	(4) Freight, inspections, &c.....	.....	.....	382 10
	(The work at this station will be completed during the season 1912–1913).			
Portsmouth range lights...	(1) Erection of a 33-ft. high square wooden tower (front) surmounted by a square lantern..	Day's labour...	M. J. Egan.....	1,632 89
	(2) Erection of a 64-ft. high skeleton steel framed (back) tower, square in plan with sloping sides, surmounted by an enclosed watchroom and a square lantern.....	" ...	T. H. Brewer.....	
	(3) Provision of the steelwork for back tower.....	Furnished under general contract	Goold, Shapley & Muir.	498 80
Rondeau.....	(1) Erection of a reinforced concrete beacon, square in plan, with battered sides, surmounted by a pyramidal frame supporting the lantern.....	Day's labour...	T. H. Brewer.....	2,583 77
	(2) Provision of the gas beacon..	Contract.....	International Marine Signal Co., Ottawa.....	1,539 86
Buoys and beacons.....	.....	.....	.....	8,912 41
				42,794 31

ONTARIO—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Lightstation.	Nature of the work.	How performed.	Contractor. or foreman.	Expenditure dirung fiscal year.
				$ cts.
Cabot head.....	Erection of an oil shed and improvements to fog alarm machinery.....	Day's labour...	Lightkeeper.....	393 57
Caribou island..	Completion of the erection of an 80-ft. reinforced concrete tower	" ..	T. H. Brewer.....	606 77
Cove island.....	Repairs and alterations to fog alarm.....	" ..	W. H. Roebuck.....	547 11
Croker, cape....	Improving boilers at station....	" ..	W. H. Roebuck.....	66 90
Mississagi strait.	Repairs to wharf and providing for additional coal storage. (Will be completed during season 1912-1913).....	" ..	J. H. Ball, lightkeeper..	331 16
Muskoka river..	Repairs to dolphin lights.....	" ..	F. Beaumont.....	42 30
Onderdonk point	Purchase of site of existing lighthouse.....	.....	Union Trust Co. and E. J. Butler.....	100 00
Owen Sound.....	Re-building of back range tower, damaged by fire.....	Day's labour...	T. H. Brewer.....	1,003 16
Port Elgin.....	Establishment of a day beacon and improvements to range light buildings.....	"	Lightkeeper.....	86 40
Prescott depot..	Material taken in stock, later to be charged out against the several light stations; also pay of staff and upkeep of depot...	.....	.....	111,472 66
Presqu'ile.....	Establishment of a telephone line between Presqu'ile and Brighton.....	Contract.....	W. W. Porte, Brighton..	500 00
Red rock.....	(1) Erection of a 57-ft. reinforced concrete tower surmounted by a polygonal iron lantern.....	Day's labour...	M. J. Egan.....	14,596 87
	(2) Provision of a 1½" diaphone plant to be put up next season.	Furnished under general contract	Canadian Fog Signal Co. Toronto.....	2,227 21
Southampton....	Repairs to front range light tower	Day's labour...	C. W. Conway.....	251 67
Thornbury.....	Erection of a 27-foot high sq. wooden tower, surmounted by a wooden lantern.....	" ..	J. J. Shaver.....	691 44
Thunder cape....	Improvements to fog alarm plant	" ..	W. H. Roebuck.....	215 34
Welcome islands	Extensive repairs to fog alarm plant and building a new oil shed.....	" ..	W. H. Roebuck.....	772 85
Western islands..	Repairing boiler.....	" ..	W. H. Roebuck.....	357 43
Wolfe island.....	Erection of a 33-foot standard wooden tower and lantern, re-replacing worn-out building....	" ..	M. J. Egan.....	756 33
Miscellanous expenses.....	Including travelling expenses of officers, salaries and travelling expenses of temporary help, erectors, &c.....	.....	.....	4,239 67
				139,258 84

BRITISH COLUMBIA.

NEW AIDS TO NAVIGATION.

Lightstation.	Nature of the work.	How performed.	Contractor or foreman.	Expenditur during fiscal year.
				$ cts.
Canoe rock	Establishment of an unwatched light on a concrete base surmounted by a pyramidal steel frame supporting the lantern. (Will be completed during the season 1912-1913)	Day's labour	L. Cullison	236 35
First narrows	Erection of two wooden echo-boards	Contract	Thos. Stedham, Vancouver	845 00
	Inspection fees, &c.			73 80
Flat rock	Materials for the erection of an acetylene beacon, to be built next season			91 27
Holland island	Provision of a Class "A" diaphone plant, to be erected next season in conjunction with the establishment of a station in place of existing unwatched light	Furnished under general contract	Canadian Fog Signal Co. Toronto	1,515 12
Langara island	(1) Provision of a Class "E" fog alarm plant and duplicate machinery	Furnished under general contract	Canadian Fog Signal Co. Toronto	10,200 93
	(2) Provision of a first order single flashing light	"	Chance Bros. Co., Birmingham, Eng.	14,225 27
	Work now under way for the establishment of a first-class light and fog alarm plant. (Will be continued during the coming season)	Day's labour	R. Chrystal	22,155 50
Langford point	Materials for the establishment of an acetylene beacon to be erected next season			91 27
McLoughlin pt.	(1) Provision of a Class "A" diaphone plant	Furnished under general contract	Canadian Fog Signal Co. Toronto	1,515 11
	(2) Installation of above plant and erection of a small standard fog alarm building. (Will be completed during season 1912-1913)	Day's labour	Jas. Robinson	2,842 76
Prince Rupert	Establishment of a depot, comprising dwellings, workshops, machinery and a deep water wharf	Contract	Pacific Coast Construction Co.	156,813 31
Sheringham pt.	Purchase of site, &c., in connection with the erection of a light house and outbuildings, to be carried out next season			226 02
Triangle island	Completion of the erection of a reinforced concrete tower	Day's labour	J. D. Macdonald	339 00
Buoys and beacons				165 30

BRITISH COLUMBIA—*Continued.*

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Lightstation.	Nature of the work.	How performed.	Contractor or foreman.	Expenditur during fiscal year.
				$ cts.
Active Pass	Provision of a class "D" diaphone plant to replace fog horn	Furnished under general contract	Canadian Fog Signal Co. Toronto	6,601 25
	Installation of machinery	Day's labour	A. Fairfull	1,936 19
Atkinson point	Provision of a 3" diaphone and Class "C" duplicate air compressing plant, to be put up during the next season	Furnished under general contract	Canadian Fog Signal Co. Toronto	5,074 10
Ballenas islands	Erection of a new dwelling			
	Building a boathouse, slip and windlass			
	Moving the existing light to a new site	Day's labour	Frank Swank,	
	Labour and material on the installation of a duplicate fog alarm to be completed during next season		A. Fairfull	3,588 64
First narrows	Preliminary work on the proposed erection of a fog alarm building and improvement to the existing light	Day's labour	J. T. Bruce	576 98
Ivory island	Materials and machinery bought in connection with proposed improvements to fog alarm plant			220 55
Portlock point	Erection of a boathouse and boatways	"	John Ford	467 44
Prospect point	Repairs to light station	"	J. T. Bruce	110 46
Sand heads	Dismantling lighthouse	"	C. Fischer	255 55
Sisters	Materials and machinery bought in connection with proposed improvements to fog alarm plant			496 68
West coast, Vancouver island	Erection of shelter huts containing provisions and directions for the use of shipwrecked mariners. (Will be completed next season)	Day's labour	J. Chesterman E. Williams	151 23
West coast trails	Work done during season: nine miles. This trail will be completed to Carmanah during next season	" "	J. Chesterman E. Williams	20,988 88
Yellow island	Extensive repairs to station	"	A. Fairfull	903 65
Yuquot	Erection of boatways	"	L. Cullison	306 18
Miscellaneous expenses	Including salaries of foremen, travelling expenses of local officers, &c.			4,462 67
				46,140 40

HEADQUARTERS.

Miscellaneous expenses	Including travelling expenses of officers, blue print work, unforeseen office expenses, photographic work, &c. Also one 3rd order illuminating apparatus complete, to be charged against proper station when erected			12,424 61
			Grand total	$762,488 89

WM. P. ANDERSON, M. Inst. C. E.,
Chief Engineer.

APPENDIX No. 2.

ANNUAL REPORT OF THE COMMISSIONER OF LIGHTS.

To the Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit the ninth annual report of this branch. The principal work performed has been an extension of the gas buoy and beacon service throughout the various provinces, together with the maintenance of lights and other aids to navigation throughout the Dominion. The operations of the branch are reduced to tabular form in the following four enclosures, namely:—

Enclosure No. 1.—Statement by provinces showing the number of lights of the several orders, lightships, lightboats, lightkeepers, fog alarm stations, warning buoys and submarine bells.

Enclosure No. 2.—Statement showing the names of light-stations and light-keepers.

Enclosure No. 3.—Statement giving a complete list of stations at which gas buoys were in operation throughout the Dominion during the fiscal year, 1911-12.

Enclosure No. 4.—Statement giving a complete list of stations at which unlighted buoys were in operation throughout the Dominion during the fiscal year 1911-12.

In conclusion I desire to express and record my appreciation of the able assistance rendered by my staff, and the untiring application to duty exhibited by each member. It would not have been possible to carry out the large and increasing amount of work which is devolving upon this branch without the co-operation of all the officers connected with it.

I have the honour to be, sir,

Your obedient servant,

J. G. MACPHAIL,
Commissioner.

Office of the Commissioner of Lights,
Department of Marine and Fisheries,
Ottawa. April 1, 1912.

(ENCLOSURE No. 1.)

STATEMENT, by provinces, showing the number of lights of the several orders, lightships, lightboats, lightkeepers, fog alarm stations, warning buoys and submarine bells.

	1st order lights.	2nd order lights.	3rd order lights.	4th order lights.	5th order lights.	6th order lights.	7th order lights.	Pressed lens lights.	Catoptric lights.	Electric bulb lights.	Total.	Lightships.	Lightboats.	Lightkeepers.	Fog alarm stations only.	Diaphones.	Fog guns and bombs	Fog horns and trumpets.	Fog whistles.	Sirens.	Fog bells.	Hand fog horns.	Hand fog bells.	Gas buoys.	Whistling buoys.	Bell buoys.	Submarine bells.
New Brunswick	....	1	5	11	11	10	63	10	39	1	151	1	1	122	4	8	....	6	2	....	4	20	....	17	3	10	1
Nova Scotia	4	4	8	17	19	32	66	26	108	5	289	2	....	266	1	15	1	2	5	....	6	49	....	40	18	46	4
Prince Edward Island	....	1	....	10	....	1	6	3	58	....	79	....	....	49	....	1	1	1	....	....	....	2	....	6	2	2	....
Quebec	5	7	14	15	7	11	48	20	79	....	206	5	....	148	2	22	7	1	3	1	....	19	2	35	3	2	4
Montreal	....	....	....	10	4	3	36	34	110	....	267	2	....	137	....	....	....	....	....	....	....	....	....	72	....	....	....
Ontario	....	5	7	35	9	15	121	39	92	6	339	1	....	190	....	23	....	1	3	1	8	38	....	93	....	4	1
Manitoba	....	....	....	1	2	....	4	....	4	....	11	....	....	7	....	....	....	....	....	....	....	4	....	....	....	....	....	....
British Columbia	4	1	2	5	8	3	63	15	6	3	110	1	....	56	2	14	....	3	....	....	11	5	....	18	2	1	....
Totals	13	19	36	104	60	75	407	147	496	15	1452	12	1	975	9	83	9	14	13	2	29	137	2	281	27	65	10

The above number of lights does not include those shown from gas buoys. Fog alarm stations only are in charge of keepers and these are included in the number of lightkeepers.

Besides the above mentioned lights there are the following lights, listed in the List of Lights, which are not under the control of the department:—

New Brunswick	1
Nova Scotia	3
Quebec	2
Montreal	7
Ontario	20
British Columbia	4
Total	37

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.

PRINCE EDWARD ISLAND AGENCY.

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Alberton	J. A. Leavitt	Nov. 2, 1910	125 00
Annandale range	A. Robertson	Oct. 5, 1898	180 00
Bear, Cape	M. L. Jordan	April 12, 1905	520 00
Big Tignish range	A. Gaudet	Aug. 30, 1897	220 00
Block house point	A. S. McNeill	Mar. 25, 1901	520 00
Brighton beach range	J. Purcell	Dec. 16, 1911	320 00
Brush wharf range	D. W. McPherson	Jan. 13, 1899	120 00
Cardigan river	J. D. Morrison	Aug. 15, 1901	140 00
Cascumpeque	J. C. Tuplin	May 5, 1897	440 00
Covehead range	J. McCabe	Dec. 20, 1911	120 00
Darnley basin range	C. Taylor	June 14, 1897	120 00
Darnley point range	G. W. Wiggins	Oct. 16, 1896	220 00
Douse point range	J. Macdonald	June 25, 1879	120 00
East point	R. J. McDonald	July 1, 1908	980 00
East Souris	J. D. Lavoie	June 23, 1905	520 00
Egmont, Cape	J. J. D. Gallant	Oct. 21, 1902	380 00
Fish island range	J. A. L. McLellan	June 29, 1910	335 00
Georgetown (front)	G. Connor	June 3, 1901	220 00
Georgetown (back)	J. Clarke	Aug. 14, 1901	220 00
Georgetown wharf	L. J. Westaway	Jan. 16, 1906	180 00
Haszard point range	E. Stewart	June 11, 1910	275 00
Indian point	J. S. Allen	May 18, 1898	520 00
Leards range (outer)	A. J. Howatt	July 22, 1893	180 00
Leards range (inner)	K. C. Holm	May 22, 1912	140 00
Little Channel range	W. Hardy	July 26, 1875	180 00
Miminegash (front)	P. O'Brien	May 14, 1897	120 00
Miminegash (back)	E. Costain	May 18, 1906	120 00
Murray harbour (front)	Wm. McLeod (temp.)	Mar. 1, 1912	120 00
Murray harbour (back)	R. Penny	Nov. 11, 1897	120 00
North point	J. Phee	Sept. 4, 1897	440 00
London, New range	J. W. McLeod	Jan. 29, 1896	220 00
Northport range	W. Champion	Oct. 25, 1897	180 00
North Rustico ranges	J. N. Pino	Feb. 6, 1897	220 00
Panmure head light and fog alarm	W. E. Graham	Aug. 13, 1910	490 00
	M. Condon (Engineer)	Aug. 10, 1908	490 00
Prim point	A. J. McRae	Sept. 11, 1909	395 00
Savage harbour range	J. A. McDonald	July 11, 1889	180 00
Sea Cow head	M. P. O'Raneghan	April 21, 1873	440 00
Summerside (back)	G. W. Bell	April 3, 1909	130 00
Summerside (front)	J. Fraser	April 12, 1897	180 00
St. Peters island	J. W. Taylor	May 1, 1897	380 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

PRINCE EDWARD ISLAND AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
St. Peters range	A. Anderson	July 25, 1900	220 00
Tracadie range	W. A. McDonald	Dec. 22, 1911	140 00
Tryon, Cape	W. Bell	Mar. 17, 1905	380 00
Warren farm range	A. S. McNeill	May 16, 1907	140 00
West point	W. McDonald	Aug. 22, 1876	440 00
Wood island	R. W. McKay	April —, 1899	380 00
Wood island harbour range	J. Young	Nov. 14, 1902	140 00
Wrights range	C. L. Wright	June 14, 1894	180 00
NOVA SCOTIA AGENCY.			
Abbot harbour	W. H. B'Entremont	May 22, 1888	140 00
Aconi point	J. C. Bonner	Nov. 6, 1903	320 00
Advocate harbour	J. H. Morris	Aug. 10, 1904	380 00
Amet island	L. Rogers	Nov. 11, 1902	600 00
Amherst basin range	W. Shea	May 21, 1908	260 00
Amherst point wharf	W. A. Downey	May 3, 1909	110 00
Annapolis	J. McMullin	Feb. 18, 1908	140 00
Apple river	H. E. Elderkin	Mar. 31, 1905	980 00
Ardoise, Lower (front)	M. J. Sampson	July 6, 1909	90 00
Ardoise, Lower (back)	T. Brymer	July 6, 1909	90 00
Argyle	C. A. Amiro	Nov. 9, 1897	600 00
*Arichat	W. LeVash	Oct. 17, 1898	380 00
Arichat West (front)	E. Delorey	Feb. 20, 1906	140 00
Arichat West (back)	M. Gerrior	Feb. 20, 1906	140 00
Arichat West wharf	C. Forrest	Nov. 8, 1911	80 00
Arisaig	H. R. McAdam	Nov. 14, 1895	180 00
Avon river bridges	Windsor Electric Co	1906	200 00
*Baccaro	W. L. Smith	Nov. 21, 1907	600 00
Barrington lightship	J. H. Lyons	June 18, 1897	980 00
*Battery point	H. Mass	Mar. 12, 1897	440 00
Bass river	D. Vance	Oct. 24, 1907	140 00
*Bear island	M. O'Brien	Aug. 31, 1906	380 00
Bear river	W. Hunt	April 10, 1905	260 00
Beaver harbour	L. G. Cameron	Feb. 15, 1902	220 00
Beaver island	T. Sampson	Oct. 13, 1892	140 00
Beaver island, S. E. coast	W. E. O'Leary	Feb. 22, 1900	1080 00
Belliveau	J. H. Belliveau	Feb. 16, 1889	140 00
Betty island	P. Christian	June 29, 1904	680 00
*Bickerton, Port	T. O'Hara	Jan. 26, 1901	260 00
Bigelow point range	E. Mitchel	Mar. 31, 1909	160 00
Bird island	H. G. McKay	May 21, 1901	600 00
Black rock	C. Robinson	Mar. 16, 1885	440 00
Black rock point	M. D. Morrison	June 8, 1892	380 00
Boars head	F. Ruggles	May 24, 1901	520 00
*Bon portage	A. C. Greenwood	Jan. 14, 1907	520 00
Borden wharf	F. R. Clark	April 29, 1904	170 00
Bourgeois, inlet	M. Burke	Dec. 1, 1902	120 00
Briar island	J. M. Peters (lightkeeper)	June 6, 1901	565 42
	B. H. Morrell (engineer)	June 6, 1901	614 58
Brooklyn pier	H. Godfrey	Mar. 25, 1909	130 00
Budget	F. Prie	Nov. 20, 1905	320 00
*Bunker island	F. H. Doane	July 27, 1904	520 00
Bunker island N.E.	J. H. Scoville	Jan. 9, 1907	320 00
Burntcoat	W. Y. Faulkner	June 22, 1898	380 00
Campbell island	B. A. McDonald	July 13, 1911	180 00
*Candlebox island	B. LeBlanc	Nov. 1, 1892	440 00
*Canso harbour	J. Long	Dec. 31, 1896	440 00
Canso range	W. J. Matthews	Dec. 17, 1904	320 00
Canso North	R. McKay	Feb. 4, 1882	440 00
Caribou island	D. Faulkner	Dec. 20, 1902	520 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

NOVA SCOTIA AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
*Carter island	R. McDonald	Sept. 28, 1896	380 00
Caveau point range	J. Chaisson	Aug. 20, 1897	260 00
Charlo harbour range	A. Richard	Dec. 8, 1911	220 00
Chebucto head	R. Holland	Aug. 31, 1906	1,130 00
*Chester	U. Young	Feb. 15, 1884	600 00
Cheticamp	M. Muise	Nov. 27, 1896	440 00
Cheticamp harbour range	P. Bourgeois	May 23, 1898	260 00
Cheverie	S. Clark	July 8, 1911	80 00
Church point	J. H. Saulnier	Aug. 8, 1878	260 00
Clarke Cove range	A. Campbell (temp)	Sept. 15, 1910	150 00
Coffin island	J. E. Wentzell	June 2, 1909	560 00
Cold Spring head	W. VanEmburg	Oct. 6, 1909	220 00
Cole harbour range	G. C. Jamieson	Oct. 21, 1898	260 00
Cole harbour	W. M. Munroe	April 23, 1907	120 00
Country harbour	H. Burke	June 11, 1902	600 00
Cranberry island	J. P. Hanlon	Aug. 25, 1905	1,180 00
Crichton head	H. H. Crichton	May 6, 1874	320 00
Cross island	C. Whynacht (temp)	June 20, 1910	1,030 00
Croucher island	G. Croucher	Jan. 31, 1883	440 00
Dartmouth	W. Patterson	June 3, 1903	180 00
Devil islands lights	W. G. Fulker	May 3, 1886	680 00
Digby pier	E. Beamen	May 29, 1897	140 00
Dimock point, lights	Windsor Electric Co	1906	130 00
Dog island	S. Joyce	July 4, 1884	260 00
Dover	E. Moreash	Sept 24, 1906	320 00
East point harbour	C. E. Mason	May 23, 1911	100 00
Etonville	S. Mealcese	April 26, 1909	90 00
Economy	E. McLellan	Mar. 8, 1912	80 00
*Eddy point	E. Mundell	July 28, 1903	600 00
*Egg island	H. M. Stoddard	Mar. 22, 1909	640 00
Felix, Port	W. C. Boudrot	July 16, 1902	380 00
Fisherman harbour	T. Beiswanger	Jan. 19, 1906	260 00
Flat point	C. M. Peters (lightkeeper)	April 13, 1910	565 42
	T. O'Neill (engineer)	May 2, 1904	614 58
Flint island	A. McLeod	May 22, 1911	1,200 00
*Fort point	J. Misener	May 16, 1896	260 00
Forchu, cape	T. S. Doane	Dec. 31, 1904	1,180 00
Forchu head	G. Hardy	June 16, 1909	200 00
Freels, cape	M. Myrick	Sept. 26, 1910	1,030 00
Friar head	M. Doucette	Nov. 18, 1911	80 00
Gabarouse	J. McDonald	Dec. 10, 1908	305 00
George, cape	A. L. McEachren	Sept. 16, 1898	680 00
*George island	R. Ross	Jan. 17, 1885	380 00
George, port	G. M. Foster	Nov. 19, 1897	190 00
Gilbert point	J. W. Melanson	Aug. 18, 1904	300 00
Gillis point	H. McLean	Dec. 18, 1897	260 00
Glace Bay (front)	M. McNeill	Nov. 19, 1907	140 00
Glace Bay (back)	A. McFarlane	Nov. 19, 1907	140 00
Glasgow point	A. Clory	July 25, 1894	260 00
Grande Digue	D. A. Kaulback	Feb. 12, 1909	110 00
Grand Etang	S. LeBlanc	Mar. 25, 1905	120 00
*Grand Passage	C. Buckman	Jan. 7, 1901	380 00
Granville Centre	H. Roney	Feb. 24, 1904	140 00
Great Bras D'Or (front)	M. McLean	Jan. 13, 1903	140 00
Great Bras D'Or (back)	A. Fraser	Jan. 13, 1903	180 00
Green island	W. A. Duann	May 20, 1902	680 00
Green island, Lunenburg	M. B. Pearl	Aug. 11, 1908	680 00
Gregory island	M. Sampson	May 11, 1907	260 00
Greville, Port, range	E. A. Hatfield	June 29, 1908	320 00
Guyon island	J. W. Hardy	Jan. 30, 1903	680 00
*Guysborough harbour	M. C. Scott	April 19, 1884	320 00
Hall harbour	E. McDonald	Aug. 10, 1911	180 00

*$25 for biowing hand fog horn.

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

NOVA SCOTIA AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Hampton	H. Foster	Dec. 2, 1911	180 00
Harbour island	A. I. Luddington	Feb. 3, 1912	380 00
Harbour au Bouche	P. Webb	Feb. 19, 1896	380 00
Haute, Isle aux	P. E. Morris	Aug. 2, 1904	680 00
Hebert, Port	W. Burgess	July 20, 1892	260 00
Henry island	D. A. McLennan	Aug. 3, 1907	600 00
Herring cove	W. Brackett	Aug. 28, 1897	180 00
Highland village	Noble Chisholm	Feb. 23, 1912	80 00
Hobson island	J. B. Smeltzer	April 10, 1900	440 00
Hood, Por	J. A. McDonald	May 10, 1880	380 00
Horton	Mrs. S. M. Rathburn	Sept. 3, 1879	380 00
Hubbard cove	A. S. Coolin	Oct. 31, 1903	380 00
Indian harbour	H. Boutlier	June 6, 1901	260 00
Ingonish harbour	G. A. Hines	April 17, 1909	240 00
Ingonish island	R. F. Warren	Sept. 17, 1903	520 00
Iona	F. X. S. McNeil	Nov. 16, 1901	180 00
*Isaac harbour	I. L. Giffin	April 28, 1894	380 00
Jedore harbour range	J. Harpell, Jr	Jan. 21, 1901	320 00
Jedore rock	J. W. Mitchel	Sept. 29, 1882	600 00
*Jerome point	J. McAskill	July 30, 1901	380 00
*Jerseyman island	A. Theriault	May 31, 1905	440 00
Jordon	J. Fredericks	Dec. 19, 1906	180 00
Ketch harbour	C. Martin	May 19, 1905	140 00
Kidstone island	D. McRae	May 17, 1892	320 00
*Kingsport	J. P. Corkum	Feb. 19, 1912	140 00
*Lahave	W. H. Palmer	May 22, 1878	320 00
L'Adoise Lingan head	J. Kelly	Dec. 2, 1911	260 00
*Liscomb	J. S. Hemlow	Jan. 2, 1903	520 00
Little Dyke	S. Stewart	May 1, 1906	100 00
Little Hope	A. Doggatt	Dec. 11, 1908	980 00
Little Lorraine	P. Gallant	Jan. 19, 1900	180 00
Little Narrows	A. W. Ross	May 23, 1902	220 00
*Lockeport	L. D. Orchard	Jan. 1, 1877	600 00
Lorne, Port	G. D. Corbett	May 31, 1904	380 00
Louisburg	P. Price (lightkeeper)	Nov. 8, 1897	396 85
	D. A. Campbell (engineer)	May 20, 1902	1,043 15
Louisburg range	T. Commington	Oct. 26, 1897	320 00
Mabou (front)	E. Doyle	June 14, 1897	120 00
Mabou (back)	R. McLean	Dec. 7, 1906	120 00
McKenzie point	D. McAuley	April 24, 1909	240 00
*McMillan point	J. H. Chisholm	March 31, 1906	260 00
McNab's island	M. Lynch	June 23, 1905	440 00
McNeil's beach	L McNeil	Aug. 6, 1884	125 00
*Main-a-Dieu	J. Popes	Sept. 11, 1902	440 00
*Maitland, Port	A. J. Sallows	Dec. 28, 1900	260 00
Maitland wharf	L. Lawrence	Feb. 28, 1911	80 00
Man-o'-War point	M. M. McLeod	Jan. 5, 1912	120 00
Margaree	J. A. McRae	Feb. 28, 1907	600 00
Margaree harbour (front)	M. A. Dunn	May 12, 1903	120 00
Margaree harbour (back)	M. McLernan	June 8, 1901	120 00
Margaretville	J. Cleveland	Jan. 15, 1912	260 00
Marjorie island	M. McDonald	Sept. 22, 1909	160 00
*Mary Joseph	U. M. Turner	May 13, 1910	360 00
Masstown	G. W. Vance	June 29, 1898	100 00
Mauger beach	W. Iceton, Sr	July 8, 1903	980 00
Medway	S. T Foster	Mar. 20, 1900	140 00
Medway head	W. P. Aitkins	Nov. 2, 1909	350 00
Meteghan river	J. A Mealson	Dec. 7, 1911	140 00
Minudie	F Vernon	May 3, 1909	90 00
Mitchener,	W. A. Currie	June 15, 1908	260 00
*Moser island	S Moser	Nov. 6, 1885	440 00
*Mouton, Port	O. J. Kemp	April 29, 1898	440 00
Mullins point range	J. Mullins	June 8, 1892	320 00
Munroe point	M. Buchanan	Oct. 25, 1905	220 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

NOVA SCOTIA AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Musquodoboit (front)à	J. Kent (F. S. Kent)	April 29, 1904	260 00
Musquodoboit (back)	A. M. Kent	Nov. 20, 1908	170 00
Negro island	B. Nickerson	July 26, 1897	520 00
*Neill harbour	G. Sweet, Jr.	Aug. 11, 1911	220 00
Noel	G. C. Davidson	April 25, 1906	140 00
North, Cape	N. McLeod (lightkeeper)	Oct. 14, 1899	525 00
	J. G. McAskill (engineer)	May 29, 1911	700 00
North East Harbour range	L. Perry	June 17, 1899	320 00
Or, Cap d'	F. H. P. Dewis	April 13, 1898	980 00
*Ouetique island	F. A. Burke	Feb. 16, 1907	520 00
Owl's head	S. W. Blaxland	Dec. 2, 1911	380 00
*Page island	A. N. Powell	Feb. 17, 1906	320 00
Parker cove	T. Milner	Aug. 7, 1909	160 00
*Parrsboro	W. J. Simpson	Oct. 27, 1911	440 00
*Pease island	T. Baker	May 19, 1879	520 00
Peggy point	S.H. Garrison	Dec. 22, 1902	520 00
Pennant harbour	P. A. Gray	June 30, 1903	180 00
*Petitdegrat	E. Landry	Feb. 23, 1897	320 00
Pictou Bar	G Carmichael	Nov. 12, 1910	540 00
Pictou custom house	A. Curry	Oct. 3, 1910	125 00
Pictou harbour	D. Lowden	July 12, 1897	320 00
Pictou island S.E.	A. McFarlane	June 8, 1892	600 00
Pictou island, W.E.	C. D. Patterson	Mar. 29, 1905	600 00
Pictou island wharf	J. McLean	Dec. 22, 1911	120 00
Piper cove	J. C. McNeil	Dec. 18, 1897	220 00
Pomquet island	M. Murphy	Dec. 18, 1890	520 00
Pope harbour	J. Abriel	Nov. 18, 1911	380 00
Portapique	E. Carr	Feb. 20, 1912	80 00
Porter point	Frederick W. Bishop	April 29, 1904	180 00
*Poulamon	B. Boudrot	Dec. 7, 1904	320 00
Prim point	W. E. Ellis	Feb. 24, 1875	1,180 00
*Pubnico harbour	G. D. Amiro	Feb. 6, 1893	440 00
Pugwash	M. McLeod	Dec. 10, 1897	440 00
*Quaker island	E. Fader	Feb. 9, 1910	395 00
*Queensport	W. E. Ehler	Aug. 13, 1906	440 00
Race, Cape	J. Myrick	Nov. 1, 1897	2,300 00
Red island	J. P Campbell	Nov. 30, 1901	180 00
*Redman head	J. Cross	Sept. 10, 1909	240 00
Ronde, Cape la	J. J. Mauger	Nov. 16, 1898	520 00
Roseway, Cape	J. L. McKenna	Mar. 31, 1899	1,180 00
Sable, Cape	A. H. Cunningham	July 16, 1902	1,180 00
Sable island, E.E.	J. Gregoire		225 00
Sable island, W.E.	J. Edwards		225 00
*Sable Island, Cape, west head	W. B. Smith, Jr.	April 12, 1890	320 00
St. Ann harbour	A. Nicholson	June 5, 1905	260 00
St. Esprit island	A. W. Finlayson	April 12, 1905	680 00
*St. George, Cape	John Murray	Nov. 3, 1882	320 00
St. Lawrence, Cape	C. Jamieson	Sept. 21, 1893	600 00
St. Mary, Cape	B. H. Robichau	July 5, 1886	520 00
St. Paul island, N.E.	W. Giles (Lightkeeper)	Oct. 21, 1907	600 00
	J. McLeod (Engineer)	May 5, 1911	840 00
St. Paul island, S.W.	J. Dauphiney	Sept. 26, 1910	620 00
Salter head	C. Smith	June 21, 1888	120 00
Sambro	H. H. Gilkie	Jan. 8, 1877	980 00
Sambro harbour	J. H. Finlay	Dec. 7, 1899	180 00
Sambro inner island	E. Smith	Jan. 3, 1908	180 00
*Sand Spit	J. G. Stevens	Mar. 11, 1903	380 00
Seatarie	J. T. Martell	July 30, 1887	1,440 00
Seal island, S.E. coast	J. Crowell	Oct. 14, 1896	1,180 00
Shafner point	J. W. Robblee	May 29, 1897	260 00
Sharp, Cape	F. Yorke	June 30, 1902	980 00
Sheet Harbour passage	G. W. Wambolt (temp.)	Dec. 25, 1911	100 00
*Sheet rock	S. Kenny	June 2, 1909	640 00
*Ship harbour	H. Palmer	Oct. 14, 1899	380 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

NOVA SCOTIA AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Shulie	C. Patterson	Oct. 26, 1905	260 00
Sissiboo	J. Amiro	July 11, 1899	320 00
Spencer island	B. McLennan	July 21, 1904	180 00
Spencer point	R. A. Spencer	April 1, 1870	180 00
Steven point range	H. C. Clarke	Mar. 31, 1909	155 00
*Stoddart island	E. Larkin	Mar. 18, 1896	320 00
Sidney bar	G. Nunn	June 20, 1872	440 00
Sidney range (front)	J. B. Rudderham	June 15, 1905	380 00
Sidney range (back)	A. J. Lewis	May 2, 1905	260 00
Terence bay	S. P. Slaunwhite	Oct. 13, 1903	180 00
Three Top island	W. L. Munroe	Oct. 28, 1879	440 00
*Torbay	J. M. Webber	May 10, 1898	440 00
Troop point	R. Troop	Aug. 13, 1906	180 00
Tupper, Point	D. Gillis	Feb. 6, 1906	440 00
Tusket river	S. LeBlanc	Aug. 2, 1889	380 00
Victoria beach	J. Hines	Mar. 7, 1901	180 00
Wade, Port	C. Slocun	Feb. 12, 1909	120 00
Wallace Harbour range	G. Boyle	May 23, 1905	260 00
Walton harbour	Steven Brown	Dec. 16, 1911	220 00
*Wedge Island	W. R. Church	Mar. 22, 1907	680 00
West Ironbound island	F. W. Wolfe	Dec. 19, 1910	395 00
*Westport	E. W. Suthern	April 12, 1890	520 00
*Whitehead island	A. Munroe	Jan. 15, 1912	600 00
Whycocomagh	M. Matheson	Sept. 11, 1884	120 00
Wolfville	J. L. Franklyn	April 4, 1902	180 00
*Woods harbour	J. Goodwin	Aug. 27, 1900	320 00
Yarmouth Corner beacon	C. J. O'Hanly	Oct. 17, 1905	260 00

NEW BRUNSWICK AGENCY.

*Anderson Hollow breakwater	J. E. Moore	Jan. 16, 1911	140 00
Bathurst range	G. C. Sutherland	Mar. 20, 1882	320 00
Barnes point	C. W. Barnes	Aug. 16, 1911	140 00
Belloni point	E. H. Egan	May 17, 1892	220 00
Belyea point	Mrs. Westfield Day	Oct. 19, 1906	140 00
*Big Shippigan	L. DeGrace	June 29, 1910	335 00
*Bliss island	J. H. McLeod	Oct. 17, 1900	600 00
Bridges point	A. B. Bridges	Oct. 23, 1911	120 00
Buctouche bar	J. P. Cormier	July 26, 1902	320 00
Buctouche range	H. B. Robicheaux	June 21, 1884	260 00
Buctouche inner range	D O. Maillet	July 7, 1883	260 00
Campbellton range	G. Cummings	Jan. 1, 1880	180 00
Caraquet island	G. Lantaigne	June 16, 1888	320 00
Caraquet range (front)	F. F. Doucet, Jr.	Oct. 14, 1903	120 00
Caraquet range (back)	P. L Legere	Oct. 14, 1903	120 00
*Cassie point	P. D. Legere	June 21, 1909	350 00
Cedars	F. Williams	May 11, 1897	140 00
Cherry island fog bell	H. Chaffey	Aug. 7, 1903	260 00
Cocagne range	D. Gagnen	Oct. 14, 1907	220 00
Cox point	A. McBaine	May 6, 1898	140 00
Dalhousie harbour	J. Arsenault	June 18, 1894	180 00
Dalhousie island	H. A. McNeill	Aug. 17, 1880	380 00
*Dipper harbour	F. Belmore	Mar. 12, 1895	180 00
*Drew's head	J. M. Eldridge	May 2, 1904	380 00
Duck island, Big	R. Burnham	June 25, 1906	880 00
Enrage, Cape	J. G. Barbour	May 11, 1888	980 00
Escuminac	R. R. McLennan	Mar. 7, 1892	1,180 00
Fanjoy point	W. C. Kennedy	Jan. 17, 1912	120 00
Flewelling landing	M. Flewelling	April 20, 1890	140 00
*Folly point	A. P. Belliveau	June 23, 1905	320 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

NEW BRUNSWICK AGENCY—*Continued.*

Name of station.	Name of lightkeeper.	Appointed.	Salary.
			$ cts.
Fort Monckton	W. A. Casey	Nov. 30, 1908..	135 00
Fox Island ranges	G. Mills	June 23, 1897..	320 00
Gagetown	F. Fox	April 22, 1904..	140 00
Gannet rock	S. Tatton	Mar. 21, 1911..	1,260 00
Glenwood	H. Belyea	May 2, 1911..	80 00
Goose Lake	J. D. Brune	May 11, 1888..	380 00
*Grand harbour	L. C. Dakin	May 2, 1904..	600 00
Grant beach range	W. A. Davidson	April 3, 1909..	200 00
*Green head	T. E. Looney	July 1886..	220 00
Grey's point	B. F. McCutcheon	Mar. 6, 1907..	120 00
Grindstone island	J. R. Russell	Jan. 13, 1899..	980 00
Gull cove	L. Frankland	Nov. 14, 1902..	140 00
Hampstead wharf	E. B. Palmer	Nov. 6, 1900..	140 00
Harper point	J. H. Blakeley	July 30, 1910..	125 00
Hatfield point	T. W. Spragg	June 27, 1903..	140 00
Hay island range	J. Allain	May 21, 1895..	260 00
*Head harbour	C. D. Hilyard	May 5, 1907..	1,139 00
Hendry farm	A. M. Hendry	April 28, 1899..	140 00
Heron island	J. A. D. Robertson	April 1, 1902..	320 00
Jemseg	G. F. Nevers	Nov. 24, 1884..	140 00
Jourimain	A. J. P. Bent	Jan. 25, 1901..	440 00
Kouchibouguac ranges	H. Gogain	June 26, 1908..	260 00
Lepreau	R. L. Belding (lightkeeper)	June 30, 1905..	480 00
	F. Frauley (engineer)	June 30, 1905..	960 00
Letite	S. S. Dines	Mar. 27, 1907..	780 00
Little Belledune	J. A. Roberty	Feb. 21, 1905..	380 00
Long Eddy point	G. F. Tatton	Oct. 16, 1886..	980 00
Long point	J. A. Bates	Oct. 11, 1907..	140 00
Machias Seal island	W. L. Harvey	July 8, 1904..	1,440 00
McFarlane point	A. Macfarlane	Dec. 3, 1909..	110 00
McMann point	H. R. McMann	Nov. 2, 1901..	140 00
Marks point	W. Maloney	Nov. 7, 1903..	220 00
Middle island	M. Murray	April 10, 1902..	320 00
Midjik bluff	A. Henderson	Oct. 4, 1894..	200 00
Miscou gully	R. McConnell, Jr	Sept. 9, 1887..	180 00
Miramichi lightship	R. McLean	April 12, 1902..	980 00
Miscou island	J. L. Robichaud	Nov. 11, 1902..	980 00
Mulholland point	A. Parker	June 13, 1901..	260 00
Musquash island	R. P. Macdonald	Jan. 28, 1901..	180 00
*Musquash	C. P. Harum	Jan. 14, 1879..	440 00
*Navy bar	J. Kilpatrick	Dec. 26, 1906..	600 00
Negro point	E. Ross	Mar. 5, 1878..	600 00
Neguac range	J. Robinson	June 30, 1896..	320 00
Neguac, lower range	C. McIntosh	Dec. 19, 1892..	180 00
Newcastle	R. B. Matheson	April 18, 1898..	140 00
Oak point, Miramichi	J. Bowie, Jr	June 2, 1906..	180 00
Oak point, St. John	Mrs. B. M. Francombe	Dec. 20, 1907..	140 00
Oromocto	Miss S. J. Brennan	Jan. 12, 1910..	160 00
Outhouse point	S. Edgett	June 14, 1910..	140 00
Palmer landing	B. R. Palmer	Dec. 22, 1911..	120 00
Partridge island	H. Andrews	Dec. 26, 1906..	1,440 00
*Pea point	E. C. Dickson	Nov. 16, 1898..	380 00
Peck point	E. Lockhart	Aug. 31, 1908..	680 00
Perry point	S. T. Lamb	Nov. 4, 1911..	120 00
Petit Rocher	J. D. Laplante	May 16, 1911..	140 00
*Pokemouche	M. Hayden	Oct. 17, 1888..	380 00
*Pokesudie	A. J. LeBouthillier	Jan. 25, 1911..	260 00
*Portage island range	P. Morrison, Jr	May 17, 1892..	380 00
Preston beach	S. Preston	July 11, 1889..	220 00
*Quaco pier	W. Calhoun	Nov. 13, 1911..	140 00
Quaco, West head	C. Brown (lightkeeper)	Nov. 25, 1884..	490 00
	L. B. Bradshaw (engineer)	Aug. 2, 1887..	490 00

$25 for blowing hand fog horn.

SESSIONAL PAPER No. 21

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

NEW BRUNSWICK AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Reed's point	W. Lamb	Feb. 25, 1909	130 00
Richibucto bar range	J. F. Richard	June 16, 1902	260 00
Richibucto channel range	J. Robichaud	June 16, 1902	260 00
Richibucto north beach range	F. McNeill	May 3, 1909	200 00
Richibucto head	P. F. Richard	May 30, 1895	320 00
Robertson point	C. W. Robertson	June 30, 1897	140 00
St. Andrews	W. J. Pendleberry	April 10, 1889	380 00
*St. John harbour	A. F. Shephard	Dec. 6, 1909	560 00
St. Louis gully range	H. H. Chaisson	July 16, 1909	160 00
Sand point	R. Wagner	June 7, 1883	140 00
Sapin point	V. F. Daigle	May 28, 1903	100 00
Shediac harbour	T. Harts	Feb. 17, 1905	140 00
Shediac island	M. Robinson	Dec. 29, 1873	380 00
Shediac, North channel	F. Gould	Jan. 13, 1899	135 00
Sheldrake island	J. A. Morrison	Jan. 31, 1910	350 00
Shippigan gully range	J. DeGrace	June 4, 1889	260 00
South Tracadie	W. C. Ferguson	Mar. 23, 1898	260 00
*South West head, Grand Manan	T. P. Foster	Sept. 26, 1910	620 00
South west wolf	E. Wright	Mar. 6, 1906	680 00
Spencer, Cape	J. E. Collins	June 23, 1908	1,320 00
Spruce point	Mrs. B. G. Hannah	Sept. 15, 1892	220 00
Stonehaven	Mrs. E. Scott	July 8, 1904	180 00
*Swallow tail	G. Y. Dalzell	Mar. 18, 1893	600 00
Swashway range	S. Williston	June 4, 1902	380 00
Tiner point	A. Splane	Oct. 26, 1905	980 00
*Tongue shoal	T. Rooney	Dec. 26, 1906	520 00
Tormentine range, cape	J. R. Barry	Nov. 26, 1906	220 00
Tracadie	F. D. Basque	Nov. 22, 1909	380 00
Vin range, Baie du	J. McLeod	Oct. 13, 1909	290 00
Wilmot bluff	J. H. True	Sept. 12, 1899	140 00

QUEBEC AGENCY.

Amherst island	W. Cormier	April 26, 1871	520 00
Amherst wharf	P. J. Brophy	Nov. 15, 1910	85 00
Amour point	T. M. Wyatt	Oct. 18, 1889	1,440 00
Cap à l'Aigle	J. O. A. Patry	Oct. 9, 1908	1,440 00
Anse au beau fils	M. Lagace	Nov. 22, 1910	85 00
Anse à l'Eau	A. Gingras	May 29, 1906	100 00
Anse aux Gascons	J. Mourant	June 8, 1906	100 00
Anse St. Jean	F. Lavoie	Mar. 13, 1889	100 00
Heath point	C. Hubert	July 27, 1911	980 00
Anticosti, S.W. pt	Z. Lemieux	July 25, 1900	880 00
Bagot bluff	E. Laprise	April 18, 1903	1,180 00
*Barachois de Malbaie	F. X. Lemieux	Mar. 6, 1903	120 00
Pointe basse	A. Arseneau	May 17, 1911	80 00
Cape bauld	E. Fontaine	July 15, 1905	1,440 00
Pointe a Basile, front	E. Douville	Feb. 6, 1901	220 00
Pointe a Basile, back	A. Demers	July 22, 1904	220 00
Bellechasse	J. O. Bilodeau	June 15, 1903	520 00
Belle isle, north end	P. Thomas	July 8, 1904	1,700 00
Belle isle	D. Dubois	Sept. 26, 1910	1,600 00
Bicquette island	L. Pineault	Oct. 6, 1900	980 00
Bird rocks	Vacant		
Point Bleue	A. Tessier	June 9, 1904	100 00
Little Bonaventure	J. P. Bujold	Feb. 25, 1909	90 00
Bonaventure point	P. Bourdages	July 25, 1903	320 00
Bonaventure river	A. Bourque	Feb. 25, 1909	90 00

*$25 for blowing hand fog horn or fog bell.

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

QUEBEC AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Brion island	P. Chevrier	June 23, 1905	600 00
Brandy pots	A. Richard	Oct. 7, 1878	600 00
Cap Brule	F. Filion	Feb. 24, 1912	520 00
Caribou, river	F. Simard	Mar. 13, 1905	120 00
*Carleton	L. Bujold	May 25, 1899	440 00
Carleton wharf	F. L. Cullen	July 3, 1907	100 00
Chat, cap	L. Cote	Dec. 3, 1901	880 00
Chat river	J. Chenard	Dec. 15, 1911	120 00
Chicoutimi	A. Harvey	May 30, 1889	100 00
Chlorydorme	M. Coulonde	Oct. 15, 1904	180 00
Clarke city	S. P. Grogan	Jan. 13, 1912	80 00
Cap aux Corbeau	E. Cunningham	Oct. 25, 1905	120 00
Ile aux Coudres	E. Boudreault	April 30, 1906	100 00
Crane island	D. Vezina	April 26, 1904	440 00
Daniel west—Port	V. Horic	Mar. 23, 1911	140 00
*Daniel, Port	F. H. Langlois	Feb. 22, 1907	120 00
*D'Espoir, cape	C. Bourget	Nov. 1, 1897	600 00
Dogs, cape	L. Bergeron	Sept. 11, 1909	930 00
Domaine, front	E. Guerard	July 13, 1908	120 00
Domaine, back	X. Emond	July 13, 1908	120 00
East cape	G. Sergerie	Nov. 3, 1910	180 00
*Eboulements, les	T. Tremblay	Aug. 24, 1910	85 00
Egg island	E. Chouinard	May 24, 1911	600 00
English bay	P. Gravel	June 21, 1909	350 00
Entry island	G. F. Collins	July 30, 1901	380 00
Escoumains	C. Boucher	Sept. 14, 1911	80 00
Eskimo point	J. F. Boudreault	Oct. 3, 1907	180 00
*Etang du nord	N. Arseneau	May 16, 1911	440 00
Fame point	J. Ascah	Sept. 2, 1880	1,440 00
Father point	J. Cahill	Mar. 16, 1912	1,200 00
Flower island	J. Lavallee	April 12, 1905	780 00
Gaspe, cape	J. Smith	Jan. 20, 1912	780 00
Godbout	N. A. Comeau	Mar. 31, 1910	125 00
*Goose cape	W. T. Tremblay	April 4, 1888	380 00
Grand entry	A. Turbide	April 25, 1907	125 00
Grande isle, Kamouraska	A. Levesque	Feb. 19, 1901	600 00
Grand Pabos	E. Molloy	April 7, 1910	85 00
*Grand river	W. Bisson	Oct. 26, 1896	220 00
Grand river wharf	J. B. Couture	1904	100 00
Grande Vallee	A. Fournier	Oct. 15, 1904	180 00
Great Fox river	T. Dufresne	Dec. 1, 1911	150 00
Green island	I. W. Lindsay	Sept. 25, 1888	880 00
Green island wharf	J. Charron	Mar. 1, 1912	100 00
Greenlay island	M. Cote	Aug. 11, 1908	1,440 00
Griffin cove	H. Boulet	July 4, 1908	180 00
Grosse roche	M. Morin	June 26, 1906	500 00
Hospital rock	V. Lavoie	Mar. 22, 1909	365 00
Ile-au-Belier	W. Gaudreault	Oct. 30, 1901	180 00
Janvrin and Paddy shoals	K. J. Carter	April 6, 1911	180 00
Little Metis	E. Caron	May 29, 1906	540 00
Little Natashquan	D. Landry	May 13, 1910	275 00
Long pilgrim	H. Morin	April 29, 1898	520 00
Magdalen, cape	F. J. Sasseville	June 9, 1886	980 00
Magpie bay	A. Dupuis	Oct. 22, 1907	180 00
Martre, Riviere à la	J. Litalien	Mar. 5, 1912	980 00
Matane	J. Bamville	Feb. 1, 1897	520 00
Mai, Ile de	G. Poulin	Mar. 2, 1912	180 00
Moisie	A. St. Louis	June 14, 1909	150 00
Mont Louis	J. Lemieux	Jan. 3, 1912	140 00
Monts, pointe des	V. Faffard	July 10, 1889	880 00
*Maqucreau, pointe	A. Bertrand	Dec. 21, 1877	440 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

QUEBEC AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
New Carlisle	J. Chisholm	Dec. 17, 1908	95 00
*Newport point	A. David	Jan. 20, 1912	180 00
New Richmond	B. V. Willett	Oct. 16, 1903	140 00
New Richmond wharf	W. Campbell	Feb. 14, 1910	85 00
Noire, pointe	J. E. Boulianne	Jan. 18, 1904	320 00
Norman, cape	A. W. Campbell	July 28, 1911	980 00
Oak point range	T. Harper	July 24, 1909	160 00
Orignaux, pointe aux	D. Levesque	Oct. 5, 1903	440 00
*Paspebiac	J. Loisel	Aug. 27, 1894	260 00
*Perce	F. Bourget	Mar. 18, 1893	260 00
Perce wharf	E. Bourget	Jan. 26, 1909	90 00
*Peter point	J. T. St. Croix	Sept. 11, 1909	540 00
Perroquet island	P. Vigneau	Sept. 19, 1892	700 00
Portneuf	E. Tremblay	May 16, 1903	440 00
Portneuf range	P. Poitras	Oct. 24, 1906	180 00
Poste St. Martin, front	I. D. A. Pilote	April 22, 1907	120 00
Poste St. Martin, back	F. Gauthier	April 22, 1907	120 00
Quebec harbour lights	Quebec Harbour Comm'srs.		60 00
Cape Ray	E. H. Rennie	Oct. 19, 1884	1,120 00
Red Islet	P. T. Fraser	April 12, 1890	730 00
Red Islet lightship	J. Irvine	Mar. 2, 1900	3,000 00
Rich point	N. Breton	May 16, 1896	680 00
Rimouski wharf	U. Lavoie	Oct. 24, 1906	100 00
Riviere du Loup	F. E. Gilbert	Sept. 22, 1902	120 00
Riviere du Moulin (back)	Mrs. L. Goudreault	May 9, 1905	120 00
Riviere du Moulin (front)	G. Tremblay	Sept. 19, 1889	120 00
Riviere Caribou (front)	J. Savard	July 1, 1892	120 00
Riviere à la Pipe	A. Morin	Oct. 3, 1901	140 00
River Valin (back)	G. Lavoie	June 7, 1909	90 00
River Valin (front)	M. Lavoie	June 7, 1909	90 00
Roberval range	Roberval Electric Co.	June 21, 1898	100 00
Cape Rosier	E. Costin	Nov. 4, 1890	1,180 00
Salmon, Cape	L. Bouchard	May 16, 1896	980 00
*Sandy Beach point	J. N. Ascah	Dec. 2, 1911	520 00
Savards light	D. Savard		180 00
Seven islands	H. Demeules	July 13, 1909	1,080 00
Stone pillar and Algernon rock	E. Francœur	Feb. 15, 1912	780 00
St. Alphonse wharf light	P. Tremblay	June 19, 1895	100 00
Ste. Anne de Beaupre (back)	A. Poulin	June 8, 1908	120 00
Ste. Anne de Beaupre (front)	C. Dufour	June 8th, 1908	120 00
Ste. Anne des monts	F. Henley	Dec. 22, 1911	140 00
Ste. Anne des monts wharf light	E. Lefrancois	Jan. 27, 1911	80 00
St. Antoine ranges (front)	L. Frechette	Aug. 11, 1908	140 00
St. Antoine ranges (back)	G. Demers	Dec. 7, 1911	140 00
St. Charles de caplan wharf light	U. Dion	May 20, 1911	80 00
Point St. Charles light	A. Messier	Sept. 30, 1910	80 00
Ste. Croix light	W. A. Thurber	June 28, 1907	260 00
Ste. Croix (front)	F. Croteau	Mar. 28, 1901	120 00
Ste. Croix (back)	Mrs. D. Racette	Dec. , 1890	120 00
Ste. Famille (back)	A. Paquet	May 17, 1908	120 00
Ste. Famille (front)	A. Poulin	April 26, 1898	135 00
St. Francois (front)	Jos. Lepage, Jr.	July 8, 1909	130 00
St. Francois (back)	L. Marceau	Jan. 7, 1884	140 00
St. Godfrey wharf light	J. Grenier	May 3, 1909	90 00
St. Irénée wharf light	Electric Co.	——— 1906	
St. Jean light	T. Pouliot	June 21, 1909	
St. Laurent light	T. Coulombe	Dec. 23, 1911	320 00
St. Omer wharf light	J. E. Landry	Nov. 12, 1910	80 00
St. Thomas de Montmagny	E. Nicol	April 7, 1910	125 00
St. Pancras point	P. Gravel	June 21, 1909	350 00
St. Petronille light	N. Ferland	Sept. 3, 1901	320 00
St. Pierre range (front)	O. Vezina	Oct. 28, 1897	120 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

QUEBEC AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
St. Pierre range (back)	J. Roberge	May 13, 1908	120 00
*St. Simeon wharf light	H. Savard	Oct. 25, 1906	100 00
Trois Pistoles wharf	D. D'Amours	Dec. 21, 1911	120 00
*Upper Traverse	A. Fournier	April 14, 1900	980 00

MONTREAL AGENCY.

Aigle, Ile à l' (front)	F. X. Lapointe	May 1, 1903	180 00
Aigle, Ile à l' (back)	E. Savarie	May 1, 1903	180 00
Anglais, Pointe aux	L. H. Masson	Sept. 4, 1897	320 00
Argenteuil bay range	P. Giroux	April 13, 1909	130 00
Ash and Bloody islands	J. A. McGee	May 26, 1903	320 00
Bague, Isle a la	L. Dubois	April 14, 1903	280 00
Barques, Ile des, range	O. Salvail	Jan. 24, 1907	380 00
Barre a Boulard (front)	N. Daigle	May 28, 1904	320 00
Barre a Boulard (back)	P. Abel	June 23, 1903	140 00
Batiscan (front)	A. LaHaie	May 26, 1909	200 00
Batiscan (back)	J. L. Brunette	April 27, 1905	140 00
Batture St. Antoine traverse	A. Colette	Nov. 23, 1910	100 00
Beauharnois range	A. Daoust	April 14, 1903	320 00
Becancour (front)	O. Gingras	Mar. 15, 1906	260 00
Becancour (back)	A. Tourigny	Mar. 15, 1906	180 00
Becquets, St. Pirere les	O. Tousignaut	Mar. 7, 1910	105 00
Bellerive park range	C. Roy	Jan. 12, 1905	260 00
Bellevue, Ste. Anne de	J. L. Stocker	May 20, 1902	220 00
Black Point	J. H. Peters	June 1, 1891	100 00
Bouchard, Ile (front)	I. Laporte	April 21, 1902	220 00
Bouchard, Ile (back)	A. Chicoine, Jr.	June 16, 1903	160 00
Boucherville range	H. Carriere	Aug. 26, 1903	140 00
Cadieux, Pointe a	S. Poirier	May 4, 1904	260 00
Cardinal traverse	P. Morin	Nov. 22, 1910	100 00
Caron point	H. Sauve	Feb. 16, 1889	120 00
Chambly basin range	J. de Senneville	June 24, 1907	220 00
Chambly canton range	J. Savage	July 10, 1907	220 00
Champlain (front)	P. L. Carignan	Oct. 1, 1892	140 00
Champlain (back)	L. Bertrand	Sept. 12, 1902	180 00
Champlain, upper (front)	O. Massicotte	Jan. 30, 1906	125 00
Champlain, upper (back)	L. Pothier	Jan. 31, 1906	180 00
Charles, cape (front)	A. Boisvert	July 23, 1901	140 00
Charles, cape (back)	A. Baron	June 26, 1901	140 00
Church point traverse (front)	A. Bouvier	Oct. 6, 1910	50 00
Church point traverse (back)	F. Messier	Oct. 6, 1910	50 00
Citrouilles, pointe	W. Brunelle	May 26, 1909	290 00
Contrecœur course (front)	J. Arpin	April 22, 1904	140 00
Contrecœur course (back)	N. Duval	April 22, 1904	180 00
Contrecœur Vercheres (front)	H. Tetrault	Nov. 11, 1904	220 00
Contrecœur Vercheres (back)	E. Guyon	Nov. 11, 1904	220 00
Contrecœur traverse (front)	J. A. Lacroix	July 19, 1906	160 00
Contrecœur traverse (back)	A. Lacroix	July 26, 1904	180 00
Deslauriers, Ile (front)	N. Langevin	Dec. 18, 1906	220 00
Deslauriers, Ile (back)	P. Choquet	Mar. 13, 1908	220 00
Dorval and Point Claire	B. Gloude	Sept. 7, 1872	400 00
Gallia bay, upper range	E. Cantara	May 3, 1907	350 00
Gallia bay, lower range	L. Peloquin	May 3, 1907	350 00
Gentilly (front)	A. Lebleue	April 6, 1907	320 00
Gentilly (back)	D. Maillot	April 2, 1907	220 00
Georgeville	C. E. Martel	May 19, 1905	100 00
Grace, Ile de (front)	E. Paul	Sept. 7, 1871	320 00
Grace, Ile de (back)	L. Letendre	Mar. 28, 1906	180 00

SESSIONAL PAPER No. 21

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

MONTREAL AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Graham (front)	X. Sicard	April 29, 1905	100 00
Graham (back)	E. Lavigne	Feb. 16, 1911	80 00
Green shoal	A. Laberge	May 20, 1902	260 00
Grenville ranges	W. Davison	Mar. 29, 1910	230 00
Grondines (front)	E. Mayrand	June 20, 1904	260 00
Grondines (back)	J. Sauvageau	July 10, 1906	180 00
Grondines point (front)	A. Sauvageau	June 20, 1904	380 00
Grondines point (back)	E. Houde	June 30, 1904	180 00
Guard pier	B. Rodier	Sept. 12, 1907	500 00
Halfway point range, north of	J. Lord	May 5, 1903	260 00
Hebert point	X. Hebert	Sept. 30, 1910	00 00
Hochelaga range	U. Paquette	Sept. 1, 1910	230 00
Jones Island	J. Charlebois	April 22, 1909	130 00
Lachine ranges	A. Ligotte, Jr.	April 27, 1910	275 00
Lacolle range	W. G. Whitman	Jan. 18, 1904	220 00
Lac, Pointe du	S. Paquin	May 2, 1900	180 00
Langlais pointe	A. Langlais	July 11, 1888	220 00
Laperle traverse	L. Jussaume	Nov. 22, 1910	100 00
Lavaltrie range	J. O. Martineau	Jan. 20, 1912	320 00
Lead Mines	W. Wheeler	June 1, 1891	100 00
Longue Point traverse range	A. Valiquette	Mar. 10, 1910	190 00
L'Orignal	G. Seguin	May 8, 1894	180 00
Lotbinière (front)	Mrs. L. Beaudet	Sept. 3, 1903	140 00
Lotbinière (back)	G. Beaudet	Jan. 4, 1883	140 00
Louiseville range	O. Plante	April 19, 1907	220 00
McTavish point	J. Campbell	Nov. 18, 1896	180 00
Madeleine, Cap, lower range (front)	M. Hebert	May 11, 1888	140 00
Madeleine, Cap, lower range (back)	G. Vaillancourt	Mar. 12, 1906	180 00
Madeleine, Cap, upper range (front)	P. Toupin	Aug. 29, 1907	140 00
Madeleine, Cap, upper range (back)	E. Beaumier	Mar. 12, 1906	180 00
Madeleine, Cap, village range	E. Lacourse	Mar. 1, 1906	260 00
Marcotte traverse	F. Marcotte	Oct. 18, 1910	100 00
Moine, Ile du (front)	E. Provencal	Dec. 27, 1906	180 00
Moine, Ile du (back)	P. Mongeau	Dec. 27, 1906	220 00
Molson Island	Miss E. G. Molson		135 00
Nicolet (front)	D. Heroux	Dec. 5, 1906	320 00
Nicolet (back)	E. Heroux	Dec. 5, 1906	180 00
Oka	G. Lamouche	Nov. 3, 1910	125 00
Oka wharf	D. Guindon	Nov. 3, 1910	85 00
Pads, Ile du, range	Z. Courschenes	Aug. 1, 1907	380 00
Papineauville range	J. Chabot	June 17, 1897	180 00
Perrot, Ile, range	A. McNab	May 20, 1905	180 00
Petite Ile course range	E. Leblanc	Sept. 30, 1910	100 00
Petite traverse (front)	L. Caisse	April 22, 1904	140 00
Petite traverse (back)	O. Caisse	Nov. 18, 1910	150 00
Platon range	C. Beaudet	Aug. 24, 1904	220 00
Portneuf range	J. Rodrique	May 16, 1903	380 00
Raisin, Ile au	L. Boucher	April 13, 1898	380 00
Repentigny (front)	J. B. Lachapelle	Feb. 1, 1861	140 00
Repentigny (back)	L. L. River	April 28, 1894	140 00
Richelieu	J. Auger	July 14, 1908	220 00
Rigaud	O. Mallette	April 7, 1910	190 00
Ronde, Ile, range	H. Charland	Aug. 1, 1907	520 00
Ste. Anne lock	F. X. Demers	May 17, 1907	140 00
Ste. Anne de Sorel (front)	F. Lanciault	Mar. 26, 1906	140 00
Ste. Anne de Sorel (back)	P. Cournoyer	Mar. 27, 1906	180 00
St. Charles point	A. Messier	Sept. 30, 1910	100 00
Ste. Emélie (front)	J. B. Gaudet	Jan. 9, 1911	120 00
Ste. Emélie (back)	E. Filtreau	Mar. 16, 1905	140 00
St. Francis range	F. Manseau	Mar. 27, 1900	380 00
Ste. Francis river ranges	P. Descheneau	Mar. 21, 1912	220 00
St. Jean	E. Menard	Feb. 15, 1909	220 00
St. Mark point	X. Prefontaine	Oct. 5, 1910	100 00
St. Ouge traverse	A. Lariviere	Nov. 22, 1910	100 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

MONTREAL AGENCY—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
St. Ours traverse, ile (front)	J. B. Laporte	Nov. 11, 1904..	220 00
St. Ours traverse, ile (back)	A. Gaudette	Oct. 24, 1908..	170 00
St. Ours Locks traverse	N. Auger	Nov. 21, 1910..	100 00
St. Peter, Lake (front)	G. A. Lamiraude	May 22, 1911..	320 00
St. Peter, Lake (back, down range)	J. Lefebvre	May 11, 1911..	320 00
St. Peter, Lake (back, up range)	D. Lafleche	May 11, 1911..	380 00
St. Plaeide	D. Lefebvre	Sepr. 9, 1909..	240 00
Ste. Thérèse, upper range	S. Reeves	Oct. 12, 1970..	380 00
Ste. Thérèse. lower range	J. Malo	Feb. 1, 1897..	220 00
St. Valentine range	A. Martin	June 30, 1909..	200 00
Sorel range	Richelieu & Ontario Navigation Co	Sept. 6, 1854..	85 00
Tetraultville	A. David	Nov. 18, 1911..	180 00
Three Rivers range	H. Roy	July 28, 1911..	180 00
Varennes	A. Geoffrin	May 1, 1903..	120 00
Vercheres traverse (front)	F. X. Chicoine	April 21, 1902..	140 00
Vercheres traverse (back)	P Charbonneau	April 21, 1902..	120 00
Vercheres village (front)	J. Guyon	April 21, 1902..	140 00
Vercheres village (back)	F. Bousquet	April 21, 1902..	120 00
Wadleigh point	J. A. Patterson	June 1, 1891..	100 00
Way channel and besserer crossing	M. Beauchamp	Nov. 29, 1906..	230 00
Windmill Point traverse	R. Dansereau	Nov. 21, 1910..	100 00
Witch shoal	D. E. Peters	June 1, 1891..	260 00

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Allumette island	J. Cox	June 12, 1887..	180 00
Allumette lake	J. T. Manders	Sept. 17, 1907..	180 00
Arnprior island	W. Kilroy	Sept. 27, 1905..	260 00
Arthur, Port	J. C. Banks	Dec. 11, 1908..	365 00
Aylmer island	F. Boucher	Nov. 17, 1882..	260 00
Barriefield Common	W. Murray	May 17, 1900..	260 00
Baril, Point au	O. Hanson	July 10, 1907..	440 00
Baskins wharf	S. Sullivan	Dec. 22, 1896..	220 00
* Battle island	C. S. McKay	Aug. 27, 1877..	680 00
Baymouth, South	J. A. Ritchie	Sept. 10, 1903..	220 00
Belleville	J. C. Weir	Apr. 4, 1901..	320 00
Bishops bay	I. Lakins	May 24, 1912..	230 00
Blind river	W. H. McGauley	Jan. 5, 1909..	60 00
Blind river, Eddy Wharf	Eddy Bros	Oct. 27, 1905..	60 00
Bois Blanc	C. R. Hackett	Apr. 27, 1910..	540 00
Boyd island	Mrs. Eliz. Martin	Jan. 6, 1905..	380 00
Brebeuf range	W. J. Baxter	Nov. 23, 1885..	440 00
Brighton	H. V. Simpson	May 11, 1888..	540 00
Bronte	C. Osborne	Dec. 7, 1906..	260 00
Bruce Mines	W. Fleming	Mar. 31, 1909..	90 00
Buckom point	G. Ouellette	Feb. 23, 1884..	260 00
Burlington bay	T. Lundy	May 2, 1905..	755 00
* Burwell, Port	J. Sutherland	June 18, 1894..	520 00
Burwell, Port, Inner Range	J. Sutherland	Oct. 27, 1909..	90 00
* Byng Inlet	L. Lamondin	July 30, 1901..	520 00
Cabot Head	C. Webster	May 10, 1898..	1,180 00
Campbell Island	R. Wilson	July 6, 1905..	260 00
Caribou Island	A. Boucher	May 3, 1907..	1,440 00
Cecebe Lake	J. Sehade	Aug. 31, 1906..	320 00
Centre Bro. island	D. Wemp	Jan. 9, 1901..	320 00
Chantry island	M. McIver	Feb. 16, 1907..	680 00
Chenal Ecarte	P. Willis	Dec. 3, 1908..	160 00
Cherry island	I. S. Johnson	Nov. 5, 1883..	380 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

ONTARIO—*Continued.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
* Christian island	A. Collins	Mar. 25, 1891	600 00
* Clapperton island	H. F. Baker	Dec. 2, 1895	440 00
Clark, point	M. McDonald	Jan. 8, 1897	600 00
Cobourg	R. Gordon	Apr. 7, 1911	50 00
Cobourg fog alarm	J. Lavis	July 5, 1910	400 00
Colborne, Port	H. Clark, Jr	May 30, 1904	1,180 00
Colborne, Port, East	J. Madden	May 22, 1911	320 00
* Colchester Reef	F. Malott	Mar. 31, 1911	880 00
Cole shoal	R. P. Boyd	Apr. 9, 1884	380 00
* Collingwood	J. Wilde	Feb. 24, 1912	440 00
Coppermine point	F. E. Roussain	Oct. 10, 1910	190 00
* Corbeil point	J. Davieux	May 27, 1890	440 00
Corunna	W. J. Scott	Apr. 23, 1901	220 00
Coteau Landing	A. Gauthier	May 26, 1910	190 00
Coulonge, lake	E. Bertrand	July 16, 1908	180 00
Cove island	K. McLeod	June 19, 1903	1,180 00
Credit, Port	J. Miller	Dec. 16, 1897	260 00
Croker, cape	W. Chapman	Apr. 27, 1910	1,030 00
Current, Little	D. Boyter	Apr. 22, 1902	440 00
Dalhousie, Port	G. Houston	May 3, 1912	440 00
Darlington	Port Darlington Co	1886	100 00
Deep river islet	J. Beauchamp	Mar. 3, 1908	180 00
Deseronto	Rathbun Lumber Co	Oct. 14, 1884	200 00
Dover, Port	S. L. Butler	July 15, 1897	440 00
Duck island, Great	J. Purvis	Mar. 9, 1898	1,180 00
Edward, point	L. Knauff	May 23, 1908	260 00
Elgin, Port	R. M. Lowry	Mar. 14, 1896	180 00
False Ducks	D. Dulmage	May 19, 1903	980 00
Ferris island	J. Morriseau	Mar. 24, 1898	320 00
Flowerpot island	B. Smith	Apr. 27, 1910	640 00
Fort William, Ottawa river	C. L. McCool	May 17, 1911	105 00
Fox Island	L. Prosser	Apr. 18, 1910	275 00
Frenchman bay	W. O'Brien	Apr. 14, 1904	220 00
* French river, and Bustard Rocks	Mrs. E. B. Borron	Jan. 30, 1903	680 00
* Gananoque Narrows Jackstraw shoal Lindoe island Spectacle shoal Red Horse rock Burnt island	Mrs. Manly Cross	Jan. 2, 1908	600 00
* Gargantua	L. Miron	Oct. 26, 1889	600 00
Giants Tomb	A. H. Griffith	Sept. 17, 1898	380 00
Gibraltar point	P. J. McSherry	May 2, 1905	440 00
Gimli	E. G. Tomsen	Jan. 21, 1910	85 00
Goderich	W. Robinson	Apr. 12, 1911	520 00
Goderich beacon	W. Robinson	Apr. 12, 1911	50 00
* Gore bay	A. Matheson	July 10, 1903	440 00
Gravenhurst Narrows	I. Barnes	Mar. 20, 1906	180 00
Grenadier island	D. Root	Nov. 30, 1908	305 00
* Griffith island	W. S. Boyd	May 14, 1889	600 00
Hamilton island and Glengarry Point	R. Casgrain	Apr. 6, 1906	380 00
Hope island	T. Marchildon (lightkeeper)	Feb. 24, 1912	555 00
	P. LeBlanc (engineer)	May 12, 1909	625 00
Jackfish bay	B. Almos	Oct. 1, 1907	95 00
Kagawong	W. M. Boyd	Apr. 13, 1893	120 00
Kaministikwia	J. Armstrong	Apr. 28, 1894	380 00
* Killarney, E. and W	F. Roque	Feb. 28, 1905	440 00
Kincardine	T. McGaw, Jr	June 13, 1899	600 00
Kingsville	W. H. Black	July 27, 1902	260 00
* Knapp point	J. J. Brophy	May 9, 1905	260 00
Knight point	W. Shannon	Sept. 27, 1866	600 00
* Lamb island	A. Alexander	Apr. 26, 1897	680 00

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Continued.*

ONTARIO—*Continued.*

Name Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
* Lancaster pier and bar	J. J. Munroe	June 8, 1892	520 00
Leamington	F. H. C. Conover	Apr. 24, 1883	260 00
Lime, Kiln Crossing	S. Pettypiece	May 11, 1888	350 00
Lion's Head	C. Knapp	Oct. 28, 1903	100 00
* Lonely island	J. Haitse	May 11, 1885	880 00
Long point, E. E.	S. B. Cook	June 9, 1897	1,180 00
Long point, W. E.	F. E. Mason	June 3, 1901	600 00
Lower Narrows	J. B. LeBlanc	Jan. 4, 1904	180 00
Lyal island	J. McKay	Oct. 27, 1884	680 00
McKie point	D. Daoust	Sept. 21, 1893	260 00
McKay island	J. Harvey	July 10, 1907	380 00
McQuestion point	Mrs. E. McLeod	Feb. 22, 1904	180 00
* Maitland, Port	Mrs. J. Grant	June 19, 1907	440 00
Manitowaning	J. Gourley, jr	July 3, 1900	220 00
* Meaford	S. Dutcher	May 7, 1877	260 00
Michipicoten harbour	W. T. Richardson	Sept. 27, 1900	380 00
Michipicoten and Agate island	C. Davieux	June 29, 1910	540 00
Middle island	J. Lidwell	May 16, 1911	440 00
Midland, point	F. Somers	May 11, 1911	260 00
Mississagi island	L. D. McDonald	May 16, 1896	600 00
Mississagi strait	J. H. Ball	May 7, 1900	1,180 00
Mitchell bay	S. MacDonald	Feb. 22, 1912	140 00
Mohawk island	R. O. Smithers	Mar. 3, 1896	600 00
Morris island	W. E. Rowan	Feb. 16, 1910	190 00
* Narrow island	A. B. Boyter	Jan. 3, 1898	380 00
Niagara	R. J. Allen (lightkeeper)	July 19, 1907	260 00
	J. W. McMillan (engineer)	Nov. 30, 1910	540 00
Nigger island	C. Jeffrey	Apr. 28, 1894	320 00
Ninemile point	S. Veech	Mar. 7, 1894	980 00
* Nottawasaga island	J. McNab	Feb. 24, 1912	600 00
Oakville	M. Felan	Apr. 28, 1894	260 00
Onderdonk point	E. Bryant	Mar. 6, 1911	140 00
* Otter island	R. McMenemy	Nov. 17, 1903	600 00
Owen Sound	A. McLean	Dec. 23, 1897	320 00
Pelee passage	S. Bottom	Nov. 12, 1910	655 00
	J. Ouellette (1st assistant)	Oct. 6, 1911	460 00
	T. S. Schultheiss (2nd ass't)	May 11, 1911	310 00
Penetanguishene and Whisky island	C. Columbus	Mar. 18, 1893	440 00
* Peninsula harbour	J. Blondin	Oct. 14, 1910	620 00
Peter, point	G. J. Scott	June 6, 1901	980 00
Peter Rock	J. Roddick	Sept. 7, 1907	680 00
* Pie island	X. Frank (temp.)	Oct. 16, 1911	380 00
* Pigeon island	J. H. Davis	May 16, 1896	620 00
Pins, Point aux	A. McKinnon	May 16, 1904	520 00
Pleasant, point	F. Connors	Oct. 13, 1898	440 00
Porphyry, point	J. Bousquet	Aug. 11, 1908	980 00
Presqu'Isle	H. E. Smith (lightkeeper)	May 22, 1911	380 00
	W. B. Ainsworth (engineer)	Oct. 12, 1907	600 00
* Providence bay	J. B. Sinclair	Sept. 4, 1906	380 00
Rains wharf	W. W. Rains	Aug. —, 1892	140 00
Rainy river	P. O'Connor	July 27, 1904	380 00
Red river	W. Hughes	Feb. 12, 1892	520 00
* Red Rock and Snug harbour	A. Brown	June 2, 1909	640 00
Richards landing	R. Armstrong	——, 1907	100 00
Robert, cape	N. Matheson	Oct. 7, 1896	440 00
* Rondeau	W. R. Fellows	Dec. 18, 1888	520 00
Rosseau	J. G. Dixon	July 21, 1890	180 00
Sailors Encampment	A. M. Rains	Aug. —, 1892	180 00
* St. Anicet	D. McKillop	June 8, 1892	380 00
Sand point	P. McLean	May 1, 1909	90 00
Saugeen	A. McAulay	Aug. 30, 1909	200 00
* Scotch Bonnet	C. R. Spencer	Apr. 27, 1903	520 00

STATEMENT of light stations and names of lightkeepers. &c., in the Dominion.—*Continued.*

ONTARIO—*Concluded.*

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts.
Shaganash	F. S. Oatt	Dec. 23, 1911	320 00
Sheguiandah	W. Stevens	Jan. 11, 1909	160 00
* Shoal island	J. L. McCluskie	Sept. 11, 1909	350 00
Silver islet	J. Cross	May 18, 1905	180 00
* Sister Rock, west	J. Thibault	Dec. 6, 1905	520 00
Slate islands	A. B. Sutherland	July 21, 1908	680 00
* Snake island	C. V. Sudds	Mar. 16, 1912	260 00
Southampton	J. Brown	June 29, 1904	260 00
South bay point	M. Vorce	Nov. 21, 1902	320 00
South East bay	T. Darling	Jan. 31, 1891	140 00
South river	F. Baechler	July 2, 1903	180 00
Squaw island	N. McDougal	Apr. 25, 1901	320 00
Stag island	T. M. Cowan	Nov. 3, 1903	260 00
Stanley, Port	J. L. Oliver	Jan. 8, 1908	440 00
Stanley, Port, beacon	J. L. Oliver	Aug. 6, 1909	50 00
Stokes bay	A. Smith	May 14, 1908	320 00
* Strawberry island	W. McKenzie	May 4, 1893	440 00
Strippling point	D. Humes	Aug. 27, 1902	320 00
Sulphur island	W. Birch	Aug. 1, 1910	395 00
Supple point	C. J. Kelly	Oct. 6, 1909	160 00
Telegraph island	G. A. Rowe	Oct. 25, 1895	320 00
Thames river	H. A. Cartier	Oct. 19, 1884	520 00
* Thessalon	J. Harvey	Nov. 23, 1897	440 00
Thornbury	R. Lowe	Apr. 12, 1887	140 00
Thunder cape	W. Craig	May 17, 1892	1,180 00
* Tobermory	A. Currie	Oct. 12, 1903	320 00
Tomahawk island	T. Sweeney	Sept. 19, 1902	320 00
Toronto, east pier	G. McKelvie	Aug. 1, 1907	1,180 00
Trenton	C. W. Spicer	May 5, 1909	200 00
Victoria harbour	C. Berzie	Oct. 15, 1910	190 00
* Victoria island	G. Cosgrove	Nov. 14, 1889	520 00
Wabi river	D. McKelvie	Apr. 10, 1912	260 00
Warren Landing	H. McDonald	Sept. 14, 1907	400 00
Welcome islands	A. Perras	May 10, 1896	980 00
Western islands	T. J. Richardson	June 27, 1901	1,180 00
Whitby	R. Goldring	Dec. 2, 1911	180 00
Wiarton	W. Gilbert	Sept. 13, 1907	100 00
Wicked point	J. Cavanagh	Mar. 21, 1911	395 00
Wilson channel	R. Bamford	Jan. 15, 1912	380 00
Wolfe island	W. Gillespie	Mar. 16, 1885	320 00

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* Black Bear island	D. Matheson	June 22, 1899	380 00
* Cox Reef	A. A. T. McKay	Mar. 31, 1911	480 00
* George island	J. Thumser	Mar. 31, 1911	440 00
Gimli	E. G. Thomson	Jan. 21, 1910	85 00
* Gull harbour	T. Fjeldsted	May 6, 1904	180 00
Red river range	Wm. Hughes	Feb. 12, 1892	520 00
Warren Landing ranges	H. McDonald	Sept. 14, 1907	400 00

* For blowing hand fog horn.

STATEMENT of light stations and names of lightkeepers, &c., in the Dominion.—*Concluded.*

BRITISH COLUMBIA.

Name of Station.	Name of Lightkeeper.	Appointed.	Salary.
			$ cts
Active pass	H. Georgeson	July 21, 1884	1,170 00
Alberni	H. Miller	Dec. 16, 1911	180 00
Amphitrite point	G. W. Grant	Feb. 28, 1907	390 00
Atkinson point	T. D. Grafton	Apr. 9, 1910	1,357 50
Ballenas islands	T. C. L. Hayllar	Feb. 15, 1912	1,020 00
Bare point	P. R. Stevinson	Oct. 14, 1910	285 00
Beale, cape	J. S. Richardson	Oct. 6, 1911	1,470 00
*Berens Island	S. G. Harrison	Nov. 4, 1897	480 00
Bernie island	G. Rudge	June 30, 1906	390 00
*Broeton point	W. D. Jones	Aug. 20, 1890	480 00
Carmanah	W. P. Daykin	Nov. 4, 1890	1,770 00
Crofton	R. Allan	May 31, 1907	270 00
Denman island	H. Piercy	May 16, 1911	480 00
Discovery island	M. A. Croft	Apr. 1, 1902	1,170 00
*Dryad point	C. Carpenter	Dec. 4, 1899	480 00
Egg island	J. Forsyth	Sept. 26, 1910	1,620 00
Entrance island	J. Lewis (temp)	Sept. 1, 1911	1,320 00
Estevan point	J. P. Jensen	May 27, 1910	1,650 00
Fiddle reef	D. H. McNeill	Mar. 21, 1905	570 00
First narrows	A. Rood	Aug. 1, 1911	400 00
Fisgard	J. Gosse	Oct. 13, 1909	525 00
Fraser river, North arm range	J. Quinn	Apr. 27, 1909	360 00
Fraser river and Garry point	A. A. Parker	Oct. 14, 1907	570 00
Fraser river lightship	M. O'Brien	Sept. 26, 1906	1,470 00
Gallows point for bell	Western Fuel Co	June 8, 1906	120 00
Green island	A. Dingwell	Feb. 11, 1911	1,320 00
Helen point fog bell	D. Tom	Mar. 2, 1910	120 00
Ivory island	F. Renter	May 2, 1905	1,170 00
Kootenay Landing	Canadian Pacific Ry. Co	Apr. 10, 1909	120 00
Lardo	Canadian Pacific Ry. Co	Mar. 19, 1910	120 00
Lawyer islands	F. W. B. Elsterman	Oct. 26, 1905	780 00
Lennard island	R. Pollock	July. 21, 1908	2,000 00
Lookout island	A. Ellis	Dec. 1, 1906	390 00
*Lucy island	J. S. O. Ouellette	July 6, 1910	690 00
Merry island	M. T. Franklin	Jan. 8, 1904	570 00
Mudge, cape	J. Davidson	June 27, 1898	570 00
Nanaimo harbour	H. B. Shaw	June 4, 1907	330 00
Nootka	H. T. W. Smith	Feb. 11, 1911	480 00
Pachena	W. R. Pillar	Nov. 6, 1908	2,000 00
Patey rock	H. Moore	Jan 27, 1911	225 00
Pilot bay	E. Montreuil	Dec. 10, 1907	570 00
Pine island	A. B. Gurney	July 13, 1908	1,770 00
*Pointer island	J. Codville	Oct. 24, 1900	570 00
Porlier pass range	F. F. Allison	Apr. 14, 1903	570 00
*Portlock point	G. A. Watson	Apr. 12, 1911	480 00
Proctor	J. W. Gallup	Apr. 20, 1900	600 00
*Prospect point	J. Grove	July 7, 1898	480 00
*Pulteney point	A. McKela	Mar. 14, 1906	570 00
Quatsino	N. C. Nelson	Dec. 6, 1910	502 50
Race rocks	F. M. Eastwood	Jan. 31, 1891	1,770 00
Saturna island	J. Georgeson	Oct. 26, 1889	900 00
*Scarlett point	W. Hunt	Sept. 24, 1908	547 50
Sisters	W. Buss	Sept. 27, 1911	1,020 00
Swale rock	G. Strickland	Nov. 7, 1907	270 00
Trial islands	H. S. O'Kell	Oct. 24, 1906	1,470 00
Triangle island	J. W. Davies	Oct. 14, 1910	1,357 50
Whiffen spit	A. Godtell	Apr. 12, 1907	210 00
Victoria harbour beacons	T. Sparks	Jan. 1, 1903	300 00
Yellow island	J. Doney	Feb. 6, 1906	1,020 00

(Inclosure No. 3.)

Statement showing complete list of stations at which gas buoys were in operation throughout the Dominion during the fiscal year 1911-12.

UNDER THE NOVA SCOTIA AGENCY—DISTRICT No. 1.

Station No.	Name of Station.	Description of Buoy.
24	Pubnico	Gas and whistling.
27	Cape Sable, Southwest Ledge	"
29	Brazil Rock	"
32	Shelburne	"
35	Lockeport	"
37	Little hope	"
39	Liverpool	"
40	Liverpool fairway	Gas and bell.
45	Lahave	"
48	Lunenburg	Gas and whistling.
49	Lunenburg, east point ledge	Gas and bell.
54	North east shoal	Gas and whistling.
60	Sambro	"
61	Outer Automatic, Halifax harbour	"
62	Inner Automatic, Halifax harbour	"
63	Neverfail, Halifax harbour	Gas.
65	Thrumpcap	Gas and bell.
67	Middle Ground, Halifax harbour	Gas.
68	Leopard shoal	"
70	Egg island	Gas and whistling.
72	Sheet harbour	"
76	Liscomb	"
80	Isaac harbour	"
84	Whitehead	"
86	Canso or Grime shoal	"
90	Cerberus rock	"
94	Petitedegrat	Gas and bell.
100	Guion island	Gas and whistling.
102	Louisburg	"
108	Flat point	"
109	South-east bar, Sidney	Gas.
117	Seal reefs	"
130	Skinner reef	"

UNDER THE NEW BRUNSWICK AGENCY—DISTRICT No. 2.

4-S.	Blonde rock	Gas and whistling.
6-S.	South-west fairway, Yarmouth	"
8-S.	Cape pourehu	"
10-S.	Hen-and-chickens, Yarmouth	Gas and Bell...
12-S.	South West Ledge, Brier-island	Gas and whistling.
14-S.	North west ledge, Brier-island	"
16-S.	Avon river	Gas.
3	Old proprietor	Gas and whistling.
5	North Wolves	"
7	Lepreau	"
9	Black point	"
18	Foul ground, St. John Harbour	Gas.
20	Quaco ledge	Gas and whistling.
23	Maquacha spit, Restigouche river	Gas.
31	Scaumenac, Restigouche river	"
32	Point Lanim, Restigouche river	"
34	Garde pointe, Restigouche river	"
36	Oak point, Restigouche river	"
38	Traverse, Restigouche river	"
40	Busteed, Restigouche river	"
42	Horseshoe bar east, Miramichi	"
44	Horseshoe bar west, Miramichi river	"
46	Caraquet harbour, east	"
47	Caraquet harbour, west	"

STATEMENT showing complete list of stations at which gas buoys were in operation throughout the Dominion during the fiscal year 1911-12.—*Continued.*

UNDER THE PRINCE EDWARD ISLAND AGENCY—DISTRICT No. 3.

Station No.	Name of Station.	Description of Buoy.
1	Indian Rocks	Gas and whsitling.
2	Point Prim	"
3	Fitzroy rock	"
4	West point	"
5	Miscouche shoal	"
6	Zephyr rock, Shediac bay, N.B.	Gas.

UNDER THE QUEBEC AGENCY—DISTRICT No. 4.

21-B.	Matane	Gas and bell.
27-B.	Father point	Gas.
29-B.	Rimouski road	"
38-B.	Barrett ledge	Gas and Bell...
51-B.	Pilgrim shoal	"
56-B.	Traverse, middle ground	Gas.
58-B.	South Traverse middle ground	"
59-B.	Lower Traverse	"
60-B.	Upper Traverse	"
64-B.	Channel patch	Gas and bell.
65-B.	Port Joli	Gas.
66-B.	Goose island reef	"
67-B.	Beaujeau bank, northeast extremity	Gas and bell.
69-B.	Beaujeau, west end	"
70-B.	Beaujeau bank, west end	"
77-B.	St. Thomas	Gas.
78½-B.	St. Thomas	"
80-B.	Grosse isle	"
84-B.	Empress shoal	"
86-B.	Madame island reef	"
87-B.	Beaumont reef	"
89-B.	Point Levis	"
96-B.	Lark reef, south end	"
102-B.	Morin shoal	"
106-B.	Grande pointe	"
110-B.	Eastern narrows, north traverse	"
10-Q.	Fly bank	"
15-Q.	Point nicholas	"
24-Q.	Pointe aux trembles	"
28-Q.	Pointe St. Antoine	"
34-Q.	Ste. Croix	"
36-Q.	Ste. Croix bar	"
44-Q.	Cap Sante	"
49-Q.	Pointe Platon	"

MONTREAL DIVISION—DISTRICT No. 5.

52-Q.	Portneuf	Gas.
68-Q.	Batture Simon	"
73-Q.	Batture du chene	"
75-Q.	Batture à Cadieux	"
78-Q.	Cape Charles	"
90-Q.	Cap à la Roche curve	"
92-Q.	Cap à la Roche	"
97-Q.	Upper Cap à la roche	"
105-Q.	Cap Levrard	"
110-Q.	Cap Levrard	"
115-Q.	Batiscan course	"
119-Q.	Batture St. Pierre	"
123-Q.	Batiscan anchorage	"
129-Q.	Batture Perron	"
2-C.	Pointe Citrouille	"
15-C.	Poulier Carpentier	"
20-C.	Ile Bigot	"
23-C.	Becancour, lower traverse	"
30-C.	Becancour Bend	"
39-C.	Becancour, upper traverse	"
43-C.	Cap Madeleine	"
55-C.	Ile aux cochons	"

STATEMENT showing complete list of stations at which gas buoys were in operation throughout the Dominion during the fiscal year 1911-12.—*Continued.*

UNDER THE QUEBEC AGENCY DISTRICT No. 4—*Continued.*

Station No.	Name of Station.	Description of Buoy.
59-C.	Three Rivers shoal	Gas.
4-L.	Poulier Laforce	"
9-L.	English bank	"
13-L.	Curve No. 3	"
17-L.	" 3	"
21-L.	" 3	"
22-L.	" 3	"
25-L.	" 3	"
35-L.	Pointe du Lac course	"
47-L.	"	"
57-L.	Yamachiche bend	"
58-L.	"	"
67-L.	Curve No. 2 to White Buoy	"
79-L.	"	"
85-L.	"	"
91-L.	Curve No. 1 to Curve No. 2	"
97-L.	" 2	"
100-L.	" 2	"
103-L.	" 2	"
111-L.	Ile aux Raisins	"
123-L.	Pointe aux soldats	"
136-L.	Ile de Grace	"
146-L.	Nepigon shoal	"
1-M.	Ile aux Foins	"
5-M.	St. Ours traverse	"
16-M.	Bellmouth curve	"
20-M.	"	"
24-M.	"	"
31-M.	Contrecoeur bend	"
45-M.	Contrecoeur junction	"
82-M.	Plum Island	"
89-M.	Verchères	"
103-M.	Poulier des Trois Bouées	"
117-M.	Cap St. Michel	"
124-M.	Ile des Lauriers	"
129-M.	Varennes curve	"
133-M.	Varennes curve	"
141-M.	"	"
149-M.	Pointe aux Trembles bend	"
157-M.	Pointe aux Trembles curve	"
167-M.	"	"
174-M.	Longue pointe	"
177-M.	Poulier à Gagnon	"
181-M.	Longueuil	"
191-M.	"	"
193-M.	"	"
194-M.	Maisonneuve	"
195-M.	Ile Ronde	"
196-M.	Longueuil	"
201-M.	Montreal harbour	"

UNDER THE PRESCOTT AGENCY—DISTRICT No. 6.

16-S.	Four-fifth mile above Lachine	Gas.
38-S.	Lachine Cut, upper entrance	"
48-S.	East of Lightship No. 2	"
53-S.	Off Browns point	"
76-S.	Between Light No. 2 and Light No. 3	"
86-S.	Between top light and ile Perrot	"
98-S.	Windmill point	"
100-S.	Entrance to Soulanges canal, east	"
102-S.	"	"
104-S.	Soulanges Canal, East	"
22-F.	Port Lewis	"
25-F.	Grosse pointe	"

STATEMENT showing complete list of stations at which gas buoys were in operation throughout the Dominion during the fiscal year 1911-12.—*Continued.*

UNDER THE PRESCOTT AGENCY—DISTRICT No. 6—*Continued.*

Station No.	Name of Station.	Description of Buoy.
30–F.	Soulanges canal, entrance	"
36–F.	Coteau Landing	"
43–F.	West end of middle ground	"
48–F.	Point Mouille flats	"
64–F.	Lancaster	"
68–F.	Island bank	"
69–F.	East Lancaster bar	"
76–F.	Lancaster bar	"
78–F.	Squaw island	"
83–F.	Renshaw island	"
84–F.	Clarks island	"
87–F.	Grass island	"
96–F.	St. Regis Dyke, west end	"
6–U.	Delaney shoal	"
8–U.	Archibald shaol	"
40–U.	Farran point	"
54–U.	Prunner shoal	"
72–U.	Jackass shaol	"
127–U.	Dixon island	"
128–U.	Upper entrance, Iroquois sanal	"
2–T.	Brockville narrows	"
4–T.	Hillcrest	"
6–T.	Cole Shoal, middle ground	"
8–T.	Fiddlers Elbow	"
12–T.	Gananoque narrows	"
38–T.	Wolfe Island	"
46–T.	Cold bath shoal	"
61–T.	Penitentiary shoal	"
69–T.	West end of middle ground, bwteeen Snake island and seven acre shoal	"
102–T.	Northport shoal	"
106–T.	Minnie Blakeley shoal	"
110–T.	Trenton	"

ONTARIO DIVISION—LAKE ONTARIO—DISTRICT No. 7.

1	Niagara	Gas and bell.

LAKE ERIE—DISTRICT No. 8.

6	Grub reef	Gas.

DETROIT RIVER—DISTRICT No. 9.

13–D.	Bar Point channel	Gas.
14–D.	"	"
23–D.	"	"
24–D.	"	"
32–D.	"	"
38–D.	Hackett reach	"
67–D.	Lime Kiln crossing	"
68–D.	"	"
73–D.	"	"
74–D.	"	"
79–D.	Ballard reef channel	"
80–D.	"	"
81–D.	"	"
82–D.	"	"
83–D.	"	"
84–D.	"	"

STATEMENT showing complete list of stations at which gas buoys were in operation throughout the Dominion during the fiscal year 1911-12.—*Continued.*

THAMES RIVER DISTRICT No. 11.

Station No.	Name of Station.	Description of Buoy.
1	Thames river	Gas.

ST. CLAIR RIVER—DISTRICT No. 12.

1	Courtwright	Gas.

SOUTHAMPTON—DISTRICT No. 15.

4	Chantry island, north	Gas.

GEORGIAN BAY—DISTRICT No. 16.

	Cove island	Gas and whistling.
1-P.	Vails point	Gas and bell..
2-P.	Hooper island	Gas.
3-P.	Middle ground	"
4-P.	Three tar shoal	"
5-P.	Seguin bank	Gas and whistling.
6-P.	Lone rock	"
7-P.	Lockerbie rock	Gas.
8-P.	Surprise shaol	Gas, whistling and bell.
10-P.	Kennedy bank	Gas.
	Lottie Wolf shoal	"
	Bennet bank	"
1-B.	Maganatawan ledges	"
2-K.	Entrance Key inlet	"
8-K.	Murray bend inlet	"
14-K.	Keefer bend, inlet	"
20-K.	Digsby, inlet	"
24-K.	Mann reef, inlet	"
26-K.	Inside reef, inlet	"

STURGEON RIVER—DISTRICT No. 17.

1-N.	Sturgeon bar	Gas.

SAULT STE. MARIE—DISTRICT No. 18.

1	Vidal shoal, north side, upper end	Gas.
2	Vidal shoal, south side, upper end	"
3	Vidal shoal, north side, lower end	"
4	Upper entrance, south side	"
5	Upper entrance, north side	"

PORT ARTHUR—DISTRICT No. 19.

1	Port Arthur	Gas.
2	Southeast dredged channen, Fort William	"
3	Northeast " "	"
4	Hare island reef	Gas and bell.

STATEMENT showing complete list of stations at which gas buoys were in operation throughout the Dominion during the fiscal year 1911-12.—*Concluded.*

BRITISH COLUMBIA DIVISION—DISTRICT No. 24.

Section No.	Name of Section.	Description of Buoy.
1	Lookout island	Gas beacon.
2	Kyuquot	Gas and whistling.
19	San Juan	"
23	Lewis reef	Gas beacon.
24	Kelp reef	"
25	Dock island	"
26	Canoe rock	"
27	Helen point	"
28	Mary Ann point	"
29	Walker rock	"
30	Coffin islet	"
31	Danger reef	"
32	Joan point	"
33	Gabriola reef	"
35	Sand heads	Gas and whistling.
36	Grey point	Gas and bell.
37	First narrows, Vancouver harbour	Gas beacon
40	Seechelt	"
42	Gallows point, Nanaimo harbour	"
43	West rocks	"
44	Goose spit	"
45	Kelp bar	Gas and bell.
47	Oyster bay	"
49	Lund	Gas beacon.
50	Cortez island	Gas and bell.
52	Gillard island	Gas beacon..
53	Maud island	"
54	Chatham point	"
56	Helmcken island	"
58	Haddington reef	Gas.
60	Crane island	"
64	Zero rock	Gas beacon.
67	Fog rocks	Gas and beacon.
69	Camp island	"
70	Dall patch	Gas and whistling.
72	Vancouver rock	"
73	Jorkins point	Gas beacon.
74	Boat bluff	"
84	Klewnuggit	"
85	Connis island	"
86	Watson rock	"
88	Marked tree bluff, Kennedy island	"
89	Holland rock	"
92	Casey point	Gas.
93	Georgia rock	Gas and bell.
94	Spire ledge	Gas.
95	Barrett rock	"
96	Coast island	Gas beacon..
97	Ridley island	"
101	Alford rock	Gas.
103	Hodgson reef	Gas and whistling.
105	Pointers	Gas beacon.
107	Browning entrance	Gas and whistling.
110	Lawn point, Skidegate	"
111	Low island	Gas beacon.
112	Copper island	"
114	Koya point	"
116	Flat rock island	"

The following new buoys and gas beacons were established:—

NOVA SCOTIA.

Skinnner Reef No. 130, gas buoy.
McNeils Beach, No. 117, gas buoy.
Baleine Harbour, bell buoy.
North Entrance Gut of Canso, whistling buoy.
Basson Reefs, bell buoy.
Sambro Bank, lightship (winter only).
Grampus Shoal, bell buoy.
Woods Harbour, bell buoy.

NEW BRUNSWICK.

Tormentine Reefs, bell buoy.
Black Point No. 9, gas and whisling buoy.

QUEBEC.

Maguacha Spit No. 2, gas buoy.
Fame Point (Experimental), submarine bell buoy.
Empress Shoal 84-B, gas buoy.
Montreal Harbour 201-M, gas buoy.

ONTARIO.

Minnie Blakely Shoal No. 106-T, gas buoy.
Bears Rump, gas buoy.
Cove Island, gas and whistling buoy.
Lottie Wolf Shoal, gas buoy.
Bennett Bank gas buoy.
Hair Island Reef, gas and bell buoy.

BRITISH COLUMBIA.

Connis Island No. 85, gas beacon.
Jorkins Point No. 73, gas beacon
Canoe Rock No. 26, gas Beacon.
Sand Heads Lightship, submarine bell.
Koya Point No. 114, gas beacon.
Flat Rock Island No. 116, gas beacon.

The following changes were made to floating aids to navigation:—

NOVA SCOTIA.

Southwest Ledge, Cape Sable, gas and whistling buoy was moved about one mile southwesterly from its former position.

Blonde Rock, gas and whistling buoy was moved to a new position about two miles southwesterly from the rock.

NEW BRUNSWICK.

Partridge Island, gas and whistling buoy has been withdrawn.

Black Point, whistling buoy has been withdrawn and a gas and whistling buoy substituted.

ONTARIO.

Hare Island reef, gas and bell buoy has been moved about eight cables northeasterly to the tail of the bank.

Port Arthur, gas buoy has had a bell established thereon.

Cove island, whistling buoy has been discontinued and a gas and whistling buoy substituted.

Enclosure No. 4.—Statement giving a complete list of stations at which unlighted buoys were in operation throughout the Dominion during the fiscal year 1911-12.

PRINCE EDWARD ISLAND DISTRICT.

	No. of Buoys.		No. of Buoys.
Bay Fortune	3	Miminegash	6
Beach Point	3	Montague	7
Bedeque	11	Murray harbour	40
Belle river	3	New London, 14 stakes and	9
Brae harbour	5	Orwell and Vernon river, 36 bushes	6
Brudenell river	4	Pinette, number of bushes and	9

	No. of Buoys.
Cardigan, lower, 2 winter buoys and..	7
Cardigan, upper..	20
Cascumpec..	16
Charlottetown, 20 stakes..	18
Covehead..	3
Crapaud, stakes and..	6
East river (Hillsboro')..	18
Egmont Bay, North, 16 stakes, and..	7
Egmont South, 8 stakes and..	2
Georgetown..	19
Goose harbour..	2
Grand river, 1 beacon and..	12
Grand river, lot 14..	8
Grand Tracadie..	4
Little channel..	3
Malpeque..	16
Port Hill..	12
Pownal..	7
Rollo Bay..	3
Rustico..	5
Savage harbour..	4
Souris..	4
St. Peters harbour..	10
Summerside..	10
Tignish..	4
Tracadie..	7
West point..	2
Wood island..	4
Maintained by agency: bell buoys..	1
—— conical and can..	11
—— whistling..	4

List of unlighted Buoys maintained by the Department of Marine and Fisheries in Canadian Waters during the Fiscal Year 1911-12.

NOVA SCOTIA DISTRICT.

Advocate harbour..	6
Apple river..	8
Arichat..	20
Argyle river and sound..	10
Avon river..	6
Amherst basin..	4
Barrington..	36
Bear river..	17
Beaver harbour, 8 winter buoys and..	8
Blandford..	5
Bridgewater..	10
Brulé, 5 stakes and..	4
Canning or Habitant river..	6
Canso and St. Andrew passage, 20 winter buoys and..	26
Cape Negro or Northwest harbour..	17
Cariboo..	6
Chester..	25
Cheticamp..	12
Chezzetcook and Petpeswick..	10
Christmas island and Barra strait....	11
Clarke's cove, West bay..	3
Clarke's harbour..	17
Cockerwit pass..	19
Cooks cove, Toby cove..	4
Calf Island bay..	5
Crooked channel..	5
Crow harbour..	3
Descourse and Lennox passage..	28
Digby and Annapolis, 5 winter buoys.	14
Dover..	4
East Dover..	4
East Bay, Bras d'Or..	8
Eskasoni..	4
Fourchu harbour..	11
French Village, St. Margarets bay..	5
Great Bras d'Or..	8
Gillis point, Boulacet..	1
Guysborough..	3
Glace bay..	4
Goose bay, 35 stakes and..	8
Hay Cove..	17
Harbour au Bouche, 6 stakes..	4
Ingonish, South bay..	9
Isaacs harbour, 9 winter buoys and..	13
Indian harbour..	4
Jeddore, 5 winter buoys and..	11
Jegogan..	7
Judique..	1
Ketch harbour..	6
McNab's cove..	2
Musquodoboit..	7
Martins brook..	6
Meteghan river..	2
Northport..	12
North Sydney..	5
Neil's harbour..	1
Parrsboro..	6
Petit de gras, 6 winter buoys and..	14
Pictou..	6
Pope Harbour..	1
Port Félix..	11
Port Hood..	7
Port La Tour..	16
Port Medway..	4
Port Philip..	12
Port Morien..	2
Port Hébert..	12
Pubnico..	21
Pugwash..	9
Prospect, lower..	10
Port Mouton..	9
Port Bickerton, 3 winter buoys and....	5
Pennant harbour..	9
Pringle harbour..	4
River John, stakes and..	3
Roseway..	3
St. Ann's..	5
St. Mary river, winter buoys and..	9
St. Mary river, up to Sherbrooke, 5 winter buoys and..	18
St. Peters bay, 4 winter buoys and..	15
St. Peters inlet..	10
Sambro..	12
Shag harbour..	17
Sheet harbour, 5 winter buoys and..	9
Shelburne..	25
Ship harbour, 5 winter buoys and..	11
Ship rock, strait of Canso..	1
Shulee..	8
Smith island..	2
Sydney..	2
Shad bay..	4
Sober island to Ecum Secum..	21
Spry bay..	6
Stoney island, Baddeck..	6
Tangier, 7 winter buoys and..	4
Tatamagouche, 46 stakes and..	18
Terence bay..	3
Torbay, 8 winter buoys..	19

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List of unlighted Buoys maintained by the Department of Marine and Fisheries, &c.—*Continued.*

NOVA SCOTIA DISTRICT.—*Continued.*

	No. of Buoys.
L'Ardoise	5
Lahave	17
Little Narrows	10
Little Dover	9
Little Bras d'Or	12
Liverpool	3
Lockeport	6
Lunenburg	8
Lunenburg, back cove	9
Lunenburg, middle south	16
Louisburg	8
Liscomb, 4 winter buoys and	6
Mabou	19
Mahone bay	9
Main-à-Dieu	5
Margaree harbour	9
Merigomish, balises and	6
Marie Joseph, 10 winter buoys and	13
Monsellier, 4 stakes and	6
McKinnon harbour	6
Three Fathom harbour	5
Tidnish, stakes and	5
Tusket	31
Tancook island	3
Upper Prospect	4
Volgers cove	3
Wallace	15
Walton harbour	1
Washabuck river	3
West bay	5
West Dublin	12
Westport	3
Weymouth	13
Whitehead, 5 winter buoys and	9
West Chezetcook	7
Yarmouth, 38 bushes and	12
Maintained by agency—	
Whistling buoys	15
Bell buoys	41
Steel conical and can buoys	194

NEW BRUNSWICK DISTRICT.

Aldouane, 25 bushes and	5
Alma	3
Bathurst	26
Baie Verte and Port Elgin	36
Bay du Vin	12
Beaver and Black's harbour	9
Black Brook, Miramichi river	3
Black Lands gully	12
Buctouche, 34 stakes and	22
Bouctouche river, bushes and buoys	260
Bertibog, 12 bushes	1
Campobello	10
Caraquet	15
Caraquet to Mizonette	3
Cocagne, stakes, 30 and	11
Dalhousie and Restigouche	10
Digdequash	5
Dipper harbour	3
Dorchester	3
Grande Anse	4
Grand Lake	32
Grand Manan, 1 spindle and	28
Grassy island, 15 stakes and	7
Great Shemoque	7
Hatfield point, bushes	
Harvey	7
Hopewell cape	1
Indian Point Bar channel, 10 bushes and	3
Kouchibouguoc and Blac River, bushes	
Little Aldouane, 25 bushes and	5
Lepreau	3
Letite and Back bay	14
Little Shemogue, 1 beacon and	5
Little Shippigan	12
Magaguadavic	13
Maquapit and French lakes	8
Miramichi river, northeast arm	10
" " northwest arm	7
" " southwest arm	4
" " 9 winter buoys and	35
Miscou	8
Musquash	7
Neguac	19
Napan river, 24 stakes and	3
Petit Rocher	1
Pisarinco	2
Pokemouche, number of bushes and	6
Quaco	3
Richibucto and Albion	33
Richibucto, Rexton and Brown's yard	30
Salmon river	15
Shediac	17
Shamper's wharf, 15 stakes	
Shippigan, 17 pickets, 14 buches and	20
St. Andrews	15
Ste. Croix ledge	11
St. John river, 159 stakes and	76
St. Louis, 35 bushes	9
St. Simon bay, Caraquet	4
Tabusintac	20
Tracadie, South Gully, 30 bushes and	5
Tracadie, North Gully, 100 bushes and	11
Tynemouth creek	3
Washadamoak, 144 bushes and	2
Waweig river	2
West Isles, 4 spindle and	23
Maintained by agency—	
Bell buoys	16
Whistling buoys	6
Conical and can buoys	40
Spar buoys	40

QUEBEC DISTRICT.

Amherst Harbour, Magdalen Islands	8
Anse à Gascons	1
Anse à Beaufils	1
Barachois de Malbaie	1
Little River, east	1
Little River, west	1
Magdalen island	12
Matane	2

LIST of unlighted Buoys maintained by the Department of Marine and Fisheries, &c.—*Continued.*

QUEBEQ DISTRICT.—*Continued.*

	No. of Buoys.
Bonaventure river	8
Cape Chat	1
Cape Cove	1
Carleton point	1
Chicoutimi, Saguenay river	33
Cape Despair	1
Duthrie point	2
Eschourie rock, Serpent reef,	1
Fox river	1
Gaspe	6
Grand Entry	17
Gros Cap-aux-Os	1
House harbour, Magdalen islands	16
Lake St. John.	
Ashuapmouchouan river, 30 balises and	7
Mistassini river, 60 balises and	12
Peribonka river and Roberval harbour, 35 balises and	16
Mont Louis	1
Natashkwan	6
New Richmond	4
North channel, Island of Orleans	13
Nouvelle	2
Paspebiac	1
Pentecost	1
Percé	3
Port Daniel	1
Restigouche river	17
Rivière à la Pipe, Lake St. John	8
St. Anne river	1
St. Godfroy	1
Maintained by agency—	
Whistling buoys	3
Bell buoys	1
Steel conical and can buoys	39

MONTREAL DISTRICT.

Lake Mephramagog	1
Richelieu river, Sorel to Chambly	37
Richelieu river, above St. Johns	25
Rivière des Prairies	11
Maintained by agency—	
Conical	13
Can	16
Spar	167

ONTARIO DISTRICT.

Bad Neighbour shoal, Lake Huron	1
Bar Point, Georgian Bay	1
Bay of Quinte	33
Bear's Rump, Georgian Bay	1
Bernard Rock, Georgian Bay	1
Blind River	5
Byng Inlet, Georgian Bay	22
Campana Shoal, Georgian Bay	1
Campbell Rock, Georgian Bay	1
Clapperton Channel, 1 beacon and	9
Collingwood Harbour, Georgian Bay	13
Dawson Rock, Georgian Bay	1
Detroit river	67
Goderich	5
Great Duck Island, Lake Huron	1
Jackson Shoal, Georgian Bay	2
Jennie Graham Shoal, Lake Huron	1
Kaministikwia river, Fort William	8
Key Inlet, Georgian Bay	19
Lake of the Woods	204
Lake Simcoe	5
Lake Superior	8
Lake Temiskaming	18
Little Current	10
McClelland Rock, Parry Sound Approach, Georgian Bay	1
Mary Ward shoal, Georgian Bay	3
Michipicoten	8
Midland	6
Morden rock, Georgian Bay	1
Murray Canal and Presqu'ile bay	23
Napanee	14
Northeast shingles, Georgian Bay	1
North Sisters Rock, Georgian Bay	4
Orillia, 11 bushes	7
Owen Sound, Georgian Bay	4
Parry Sound Approach, Georgian Bay	19
Pembroke	23
Penetanguishene	10
Pointe au Baril, beacons 15	4
Port Arthur	17
Port McNicoll, Georgian Bay—	
C.P.R. dock range	1
Flat Point	1
Snake Island	1
Port Rowan	10
Presqu'ile bay, Lake Ontario	17
River Thames	7
Rondeau	6
St. Joseph channel, Lake Huron	17
Sault Ste. Marie canal approaches	28
South Baymouth	4
Stokes Bay	6
Saugeen river	8
Sturgeon river	25
Timogami Lake, 4 beacons and	31
Trent Canal (maintained by Dept. of Railways and Canals	317
Victoria Island, Lake Superior	3
Victoria Harbour, Georgian Bay	1
Waubaushene	37
Warrens Landing, Lake Winnipeg	12
Winnipeg river	13
Wingfield Basin, Georgian Bay	4
Maintained by Prescott agency—	
Between Coteau and Kingston	82

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List of Unlighted Buoys maintained by the Department of Marine and Fisheries.

BRITISH COLUMBIA DISTRICT.

Name of Buoy.	Position.	Description.
Tees rock	Near Easy creek	Spar buoy.
Hesquiot	Fairway harbour ent	Steel, whistle, white and black, vertical.
Half-tide rock	Hecate passage, Clayoquot sound	Platform, ball, red.
North bank	" "	" drum, black.
Vargas rock	" "	" ball, red.
Browning passage	West end of pass "	Spar, red and black bands.
Browning passage	North shore bank "	" black.
Browning passage	Middle bank "	" red.
Hankin rock	Mosquito harbour "	Platform, red and black.
Round island (north)	Round island bank "	Spar, black.
Round island (south)	Templar channel "	" red.
Templar channel	Village island "	Steel, can, drum, black.
Amphitrite point	Carolina channel, Barclay sound	Whistle, steel, red.
Sutton rock	Ucluelet harbour "	Platform, red and black.
Rosedale rock	Race rocks, Juan de Fuca st	Steel, can, black.
Whale rock	Esquimalt harbour	Spar, red and black.
Patterson rock	"	Platform, black.
Canteen	"	" red.
Channel rock	Victoria harbour	" ball, black.
Songhees rock	"	Spar, black.
Hospital rock	"	Platform, ball, black.
Shoal point	"	Spar, red.
Victoria inner harbour	"	" red and black.
Johnstone reef	Haro strait	Steel, can, black.
Darcy shoal	"	" "
Sidney spit (e)	Sidney channel	" "
Sidney spit (w)	"	" conical, red.
Sidney wharf (s)	Shoal off Sidney wharf	Spar, red.
Sidney wharf (n)	" "	"
Sidney rock	Rock off Sidney wharf	Platform, red.
Eastern buoy	Pender canal	Steel, conical, red.
Western buoy	"	" black.
Colbourne passage (s)	Colbourne passage	Platform, drum, black.
Colbourne passage (n)	"	" ball, red.
Celia reef	Shute passage	Steel, conical, red.
Entrance point	Satellite channel	" "
Batt rock	Ganges harbour	" can, black.
Horda rock	"	Platform, ball, black.
Benmohr rock	Trincomali channel	" "
Governor rock	"	" "
Victoria rock	"	Steel, can, red and black.
Virago rock	Porlier pass	Spar, black.
Porlier pass fairway	"	Bell, steel, black and white.
Grappler reef	Houston passage	Steel, can, black.
Indian reef	Stuart channel	" "
False reef	"	" can, red and black.
White rock	Trincomali channel	" conical, red.
South east	False narrows	Spar, red.
East	"	" black.
Middle	"	" red.
West	"	" black.
Rosenfelt reef	Strait of Georgia	Steel, can, cage, black.
Gossip reef	Active pass	Bell, steel, black.
Canoe pass	Robert bank	Steel, can, black.
Sand heads	Channel across Sandheads	5 steel, conical, black. 8 " conical, red.
First Narrows	South side of Narrows	Spar, red.
Burnaby shoal	Vancouver harbour	"
Second narrows	"	Steel, can, cage, black.
Reef point	Strait of Georgia	Spar, red.
Welcome point	Welcome pass	"
Tattenham ledge	"	Spar, black.
Snake island reef	Strait of Georgia	Steel, conical, red.
Horswell reef	"	" "

LIST of Unlighted Buoys maintained by the Department of Marine and Fisheries—*Con.*

BRITISH COLUMBIA DISTRICT.—*Continued.*

Name of Buoy.	Position.	Description.
Clark rock	Inner channel	Steel, can, black.
Entrance	Nanaimo harbour	Platform, black, triangle.
Oyster harbour	Stuart channel	" black.
Sawmill point	Ladysmith	" ball, black.
Boat harbour	Stuart channel	Steel, conical, red.
Entrance point	"	" "
Reynold point	"	Spar, red.
Danger rock	"	"
Gallows point	Nanaimo harbour	Platform, ball, red.
South channel	"	" diamond, black.
Middle bank	"	" ball, red.
South channel (w)	"	" diamond, black.
Satellite reef	"	" ball, red.
Middle bank (s. w)	"	Spar, red.
Middle bank (w.)	"	"
Carpenter rock	"	Platform, ball, black.
Mill stream	"	" black.
Passage rock	Newcastle Island passage	" "
Departure bay reef	Departure bay	" ball, red.
Dorcas rock	Dorcas point	Spar, black.
Hornby Wharf reef	Lambert channel	"
Reef bluff (s.)	Baynes Sound	Steel, conical, triangle, red.
Reef bluff (w.)	"	" " "
Village point	"	" " triangle
Grassy point	"	Steel, can, black.
Kelp bar (w.)	"	Spar, red.
Kelp bar (e.)	"	"
Atrevida reef	Malaspina strait	"
North reef	North end, Texada island	Spar, black.
Shark spit	Marina island	Steel, conical, red.
Whaleton rock	Whaleton Bay	Spar, red.
Cape Mudge	Strait of Georgia	Steel, conical.
Siwash rock	Johnston strait	Spar, black.
Ripple reef	"	Steel, can, red and black.
Swan rock	Addenbrooke point, Fitzhugh sound	Spar, black.
Walbran rock	Fisher channel	Steel, conical, red and black.
Bloxam rock	Telegraph passage	Spar, black.
Centre bank	Skeena river	Steel, nun, red.
Hazel point	Middle passage	Spar, red.
Kitson bank (1)	Prince Rupert approach	Steel, conical, red.
Kitson bank (2)	" "	" "
South Porpoise	"	Spar, red.
North Porpoise (1)	"	" black.
North Porpoise (2)	"	" "
North Porpoise (3)	"	" "
Tree bluff	Chatham sound	Steel, can, drum, black.
Ellinor rock	Prince Rupert approach	" red and black.
Kestrel rock	"	Spar, black.
Petrel rock	"	Can. steel, black, cage.
Tugwell reef	Metlakatla	Spar, black.
Harbour channel (w.)	"	Platform, black.
Harbour channel (e.)	"	"
Sparrowhawk rock	Cunningham passage	Steel, can, red and black.
Hankin reefs	" "	Platform, red.
Dodd passage	Port Simpson	Spar, black.
Harbour reefs	"	Steel, conical, red.
Lion point	Portland canal	" conical.
Salmon river	"	" can, cage.
Portland canal flats (1)	"	Platform.
Portland canal flats (2)	"	"
Mid rock	Skeena river	Spar buoy.
Kootenay river mouth	N. W. end of spit at entrance to W. channel, S. end	Platform surmounted by slatwork pyramid with cross on top.
Kootenay river mouth	N. end of island at same entrance, opposite last	" " "

List of Unlighted Buoys maintained by the Department of Marine and Fisheries—*Con.*

BRITISH COLUMBIA DISTRICT.—*Concluded.*

Name of Buoy.	Position.	Description.
Balfour	Outer end of spit, N. side entrance to west arm	Platform surmounted by slatwork pyramid.
Sawmill Middle ground	E. of the Narrows	Platform surmounted by slatwork pyramid with cross on top.
The Narrows	Near Sawmill point	" " "
Middleground	Between old mill and Narrows	" " "
Thirteen-Mile point	On N. end of spit	" " "
Yuills shoal, upper end	Near mouth of Kokani creek	" " "
Yuills shoal, lower end	" " "	" " "
Nine-Mile point	On N. end of spit which nearly crosses channel	" " "
Seven-Mile point	On N. end of spit	" " "
Six-Mile point	On S. end of spit	" " "
Five-Mile point	On N. end of spit	" " "
Shipyard shoal	On middle ground opposite shipyard, N. of Nelson	" " "
Arrow lakes, upper and lower		15 spar buoys.
Kootenay lake		11 buoys.

BUOYS SHOWING LIGHTS FROM COAL OIL LANTERNS.

Stubbs spit	Clayoquot sound	Red, fixed light.
Mears spit	"	White fixed light.
Hospital point	Victoria harbour	Red fixed light.
Proctor middle ground	Kootenay lake	White fixed light.

The whole respectfully submitted.

J. G. MACPHAIL,
Commissioner.

Commissioner of Lights Office,
Department of Marine and Fisheries,
Ottawa, April 1, 1912.

APPENDIX No. 3.

RIVER ST. LAWRENCE SHIP CHANNEL.

OTTAWA, ONT., August 12, 1912.

The Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour to present the following annual report on the operations for the improvements of the River St. Lawrence Ship Channel during the fiscal year ending March 31, 1912.

Accompanying this report is a map showing the progress made up to date, on the ship channel between Montreal and Quebec, to 30 and 35 feet at extreme low water of 1897.

I have the honour to be, sir,

Yours obediently,

VICTOR F. W. FORNERET, B.A.Sc.,
Superintending Engineer.

THE HISTORY OF DREDGES AND DREDGING.

Dredging is an old industry, but it is only within the last fifty years in Europe, and during the past twenty-five years in America that rapid advances have been made in designs and types of machines, so that the cost of dredging has been materially reduced. It is impossible to give an accurate history of the industry of dredging, but a few facts can be given that may be of interest.

No doubt the ancients used some primitive forms of dredges, but if any such work was done by them it was generally near the shore and was in most cases done by hand. The boats used by the ancients were built to go in shallow water, so that there was not much need for the dredges.

The first forms of dredges were long-handled scoops operated by hand from floating platforms. Then a windlass or drum was used to aid in the work, and then scows were substituted for the platforms or rafts. The development was no doubt gradual, although it is a great step from these primitive scoops to the immense buckets and dippers of to-day.

In operating the early scoop dredges it was found that the work done stirred up much material which floated away when there was a strong current. This brought into use methods of stirring.

The first mention of a rude dredging machine is by a writer named Veranteus in the year 1591. The first power dredge was invented by a Dutch engineer, one Cornelius Meyer, in 1685. It was operated by horse power, and was used in constructing some of the canals and dykes of Holland.

On the continent of Europe the first elevator or ladder dredge was designed and patented by Savery in 1718. The first degree of this type in England in 1747. Three years later in France iron buckets were first used on a ladder dredge. In 1781 a ladder dredge was built in England and operated by horse power.

The first steam dredge was built in England in the year 1796, the engine being designed by the inventor James Watt. This was followed in 1804 by a machine of the same design, only heavier.

Little progress was made in dredge design, and building during the first half of the 19th century. During this time there was built in England a dredge of rather unusual design. A barge or scow had two movable wings at the stern that reached if desired to the two banks and to the bottom of the stream. At the back was a scraper that loosened the dirt, and the two wings, with the aid of the current, swept the loosened material ahead and finally deposited it at the mouth of the stream. The wings formed a temporary dam, which gave enough head to force the scow downstream. Some noteworthy work was done by such dredges.

The first hydraulic suction dredge was suggested in France in 1867, which was really the beginning of the construction of modern dredges. In 1872 the first dredge of this type was built in America. Cutters were first placed on hydraulic dredges in 1878. The credit of building the first hopper dredge in 1861 is given to England.

The dipper type of dredge was not originated in America, but it has been developed in the United States and is considered distinctly an American dredge.

In the last few decades wonderful strides in these machines have been made. From small buckets operating slowly, buckets of more than 14 cu. yds. are used with a pull of about 180,000 lbs. being exerted on the dipper, and three or four dips made per minute. Likewise the depth to which they will excavate has been greatly increased.

The grapple dredge has been an evolution of the dipper machine, and as its distinguishing feature is the clamshell or orange-peel bucket, it is evident that it is a modern machine.

Since 1890 both in Europe and America wonderful advances have been made in all types of dredges. One country has introduced a design while another has developed it and improved upon it.

HISTORY OF THE SHIP CHANNEL.

The St. Lawrence, owing to its situation, is the natural route from the Atlantic to the northern and northwestern half of the North American continent.

The opening of the Lachine canal, connecting Montreal with the Great Lakes, in 1825, established the route commercially.

The light-draught sailing vessels could then reach Montreal without trouble, except during a few weeks in the autumn, when they resorted to lightering.

In 1844, it was in an effort to give navigation up to Montreal for vessels of 500 tons, that the first work of dredging was undertaken.

The first proposals for improvements were discussed in 1825, the national character of the work being then recognized. Surveys were made and reported upon in 1831 and again in 1838.

In 1841, during an investigation, the committee proposed a tonnage duty sufficient to provide for the cost of the improved channel, which was considered would be less than that of lighterage. It was, however, agreed that 'in order to draw the produce of the west down the St. Lawrence, it was expedient to make the transit charges as light as possible.'

Operations were commenced by the 'Board of Works' in 1844 and continued until 1847, owing to opposition as to the location of the channel, the work was abandoned.

After 60 years it is now considered that the straight channel as commenced would have been preferable in many ways.

In 1850, the harbour commissioners of Montreal proposed that they could do the work economically and expeditiously. They asked for authority to undertake the work and to charge a tonnage duty to pay for the 8 per cent interest and 2 per cent sinking fund.

This plan was adopted in August, 1850, and the commissioners were authorized to proceed in such a manner as they should deem best, the government plan being transferred to them.

The harbour commissioners after examination and the best advice obtainable, adopted the location of the deepest natural channel in Lake St. Peter. This results in the present channel with five tangents, instead of two long straight courses as at first commenced.

The original depth through Lake St. Peter was 10 feet 6 inches.

From 1850 the channel was deepened from stage to stage until 1888, when the debt amounted to somewhat over three million dollars, the government decided to complete the channel as a national work, and to assume the debt, and from that day the channel has been open free to the commerce of the world.

At that date the channel had been deepened to 27½ feet at ordinary low water from Montreal to Cap a la Roche, and from there to Quebec the tide was available.

The work was then conducted by the Department of Public Works of Canada from 1889 until 1904, when the management and control of the river, together with the shops and dredges, were handed over to the Department of Marine and Fisheries, which had general charge of navigation.

At the present time a splendid channel of 30 feet at extreme low water exists from Montreal to Cap a la Roche, and to Quebec by taking advantage of the tide.

The success of the work is in a great measure due to the geographical situation of the route, the physical features of the river favourable for improvement, the determination and public spirit of the business men and industrial corporations of Montreal, and to the recognition by the government of Canada of the national character of the project.

ACCIDENTS IN THE ST. LAWRENCE RIVER.

Between Montreal and Father Point.

It speaks well for the safety of the ship channel, when considering the record low water stage which existed during the season of navigation of 1911 that no serious accident occurred in the ship channel proper.

There were only two serious accidents which occurred in the River St. Lawrence during the season of 1911, neither of which could be attributed to some fault in the channel.

One of these occurred below Quebec off Murray Bay on June 28, the steamer *Aranmore* collided with the steamer *General Wolfe*, causing the latter to sink and become a total loss, no lives, fortunately, were lost. The other serious accident was a collision above Quebec near St. Antoine between steamer *Hero* and side-wheel towboat *Chieftain III*, on August 20, the latter vessel being sunk with a loss of four lives. The channel where the accident occurred is over half a mile wide and very deep.

The minor accidents were as follows:—

Between Montreal and Quebec.

SS. *Stormount*, grounded near Longue Pte. Re-floated, no damage, May 6, 1911.

SS. *Isleworth*, grounded near Longue Pte. Re-floated, no damage, September 20, 1911.

SS. *Lake Champlain*, Montreal harbour, October 27, 1911. When leaving Montreal harbour at daylight, the steamer encountered a snow flurry. The pilot decided to anchor in the wide portion of the channel opposite the Laurier pier. In swinging round after dropping the anchor, she dragged with the current against the mud bank on the south side of the channel.

After lightening part of her cargo, the steamer was pulled off with the aid of several powerful tugs. Slight damage was done to the rudder and propeller.

SS. *Bengore Head,* grounded in Lake St. Peter during snow storm. Re-floated, no damage, December 2, 1911.

Quebec to Father Point.

SS. *Manchester Spinner,* grounded on White Island. Re-floated, bottom damaged, docked for repairs, June 2, 1911.

MARINE SIGNAL SERVICE.

River St. Lawrence Ship Channel.

There are twelve stations established at the following places:—

Name of place.	Locality.	Nautical miles below Montreal.	In operation.
Montreal	In the Agency office, Boyer bld	00	Day and night.
Longue Pointe	On the extreme point	5	"
Vercheres	In the windmill near the wharf	19	During daylight.
Sorel	On the Government wharf	39	Day and night.
Three Rivers	On the upper end of Bureau wharf	71	" "
Batiscan	At the wharf	87	During daylight.
St. Jean des Chaillons	On the hill at the semaphore	93	Day and night.
Portneuf	In the front range lighthouse	108	During daylight.
St. Nicholas	At semaphore station on summit of Point Nicholas	127	Day and night.
Bridge	On point above Quebec bridge	133	During daylight.
Quebec	In Marine & Fisheries Dept. bld	139	Day and night.
Crane island	On the wharf	171	" "

The above stations are connected by a private through telephone system, terminating at Quebec and Montreal, with the exception of Crane Island, which communicates with Quebec via the Bell Telephone Company's system.

Each station has a mast 60 feet in height with a cross spar 20 feet long about 20 feet from the top of the mast.

When the station is in operation a 'Jack' is hoisted to the mast head during daylight, and a white light at night.

Signals displayed at west end of cross spar indicate river or points above station.

Signals displayed at east end of cross spar indicate river or points below station.

For other communications between vessels and stations or *vice versa*, the International Code of Signals is used.

The telephone service was started September 1, 1907, and the system of signals on November 5, 1908.

The combined service of telephone and signals has proved to be very useful, weather conditions being reported from the different stations along the river. The whereabouts of vessels can also be obtained.

Owing to its promptness, the service has been of great value in connection with the dredging operations, as in the event of breakages, &c., communication can immediately be obtained with the shops at Sorel, and orders can then be given for repairs, thereby saving a great deal of valuable time.

The stations were kept in good repair during the past season and some minor improvements were made to some of them.

Arrangements have been made with the Department of Public Works to acquire the top floor or 'dome' of the Custom House at Quebec, which is now being rebuilt.

This will be used as a signal service station instead of the present quarters in the Marine Department buildings. In addition to being more commodious, it is better situated to observe and report the movements of vessels in the harbour.

It is also the intention of the Department of Marine and Fisheries to start a new signal station at Grondines Point next season. The old windmill situated on the point has been purchased by the department and is now being restored and converted into a telephonic and reporting station. It is expected that it will be in operation during the early part of next summer.

SOREL, May 1, 1912.

SIR,—I have the honour to submit the following report on the work of the ice-breakers *Lady Grey* and *Montcalm*, during the winter of 1911-12.

The season of navigation of 1911 closed with very cold weather. Between December 1 and December 10, the thermometer registered near or below the zero mark at nights. After December 10 the temperature was extremely mild until December 30, when it again turned cold and the months of January, February and March were exceptionally severe.

The *Bray Head*, the last ship to leave Montreal, sailed on December 4. To enable this steamer to clear the river in safety all the buoys had been left in position.

The *Lady Grey* was detailed to aid the *Shamrock* in lifting these buoys, and rendered invaluable service. Without the assistance of an ice-breaker it is certain that very many of the buoys would have been lost, and that the *Shamrock*, Acetylene scow and tugs would have been forced to winter at Three Rivers. On December 4, when the *Bray Head* went down the river was practically full of running ice, and the next day Lake St. Peter was frozen over solid. The breaking up of the Lake St. Peter ice, which would have been an impossible task for the *Shamrock*, was light work for the *Lady Grey*, and all the vessels employed in the buoy service were enabled to get back to Sorel to winter quarters.

Owing to the mild weather in December, it was not necessary to do any patrol work at Cap Rouge, and no trouble was experienced until January 8, about a week after the severe weather had set in.

On Monday, January 8, the Signal Service at Quebec reported that the ice had blocked in the vicinity of Batiscan for several miles.

The same thing occurred at this point during the winter of 1911, followed a few days later by jams at Grondines and Portneuf, and in a very short time the river was covered with ice from Portneuf to Three Rivers. The ice-breakers began cutting through this ice on February 15, and were exactly one month working up to Three Rivers. Apart from additional running expenses, the wear and tear on the ships was heavy, and extensive repairs had to be made to both vessels in the spring.

To avoid a repetition of this condition of affairs, that is, having the river blocked from Portneuf to Montreal, with many miles of heavy ice-breaking to be done, it was decided to send the *Lady Grey* to attempt to break up the ice at Batiscan while it was still light, leaving the *Montcalm* in Quebec to guard Cap Rouge.

The *Lady Grey* left Quebec January 10, and by January 12, had reached Three Rivers, having cut her way through 16 miles of ice, leaving a channel behind her no where less than three quarters of a mile wide.

Late in the afternoon of January 12, the report came from Quebec, that the ice had jammed at Cap Rouge, and that the *Montcalm* had not been able to cut her way through.

For several days after the arrival of the Lady Grey at Three Rivers it was impossible for her to return, owing to the fact that the weather was extremely cold and the river was covered with vapour, so that shore marks could not be seen.

The non-success of the *Montcalm* in breaking up the jam at Cap Rouge was entirely due to the fact that the summer equipment of propellor blades was still in

use, and therefore the ship lacked power, when going astern; the working ahead into the ice faster than half speed the ship was invariably stuck and the greatest difficulty experienced in backing out; as a direct consequence, the jam piled up faster than it could be cut out.

Five days after the jam occurred at Cap Rouge the river was covered with ice as far up as St. Croix, and two weeks after it was solid to Montreal, with the *Lady Grey* frozen in and out of business at Three Rivers.

The *Montcalm* worked at the Cap Rouge jam whenever possible, but was not able to cut through. This vessel made several trips to Seven Islands during the winter, which interfered with operations at Cap Rouge, but had she been able to work steadily without interruption, in all probability the result would have been the same.

The weather continued cold right up until the end of March, and it was only on April 16, that the first shoving of the ice was reported, and it was not until April 29 that the river was finally clear. The *Lady Grey* was not able to do anything to hasten matters, as all the serious jamming occurred below Three Rivers, principally between Grondines and Cap Rouge. It is not possible for an ice-breaker to work down stream through an ice jam.

In 1909-10-11 the ice was broken up by the ice-breakers, passing out quietly and there was no floods. This year the ice-breaking service broke down, and there was considerable flooding, the water reaching a point 18 feet 4 inches above extreme low water mark at Three Rivers. All the parishes from Ste. Anne de la Parade to Sorel suffered from the high water, and a great deal of damage was done by ice at different points. The Canadian Northern Railway was compelled to stop running for several days owing to floods and ice near Portneuf.

The main object of the ice-breaking has always been considered to be the preventing of floods, and coupled with this as a secondary consideration, earlier navigation to Montreal, and a longer season for dredging operations.

It has been demonstrated that floods can be prevented sometimes, but from the experience of last winter it has not been shown that they can be prevented without fail. It has been proved that the two ships now employed are not enough to keep the channel open from Quebec to Three Rivers. The only way to obtain this result is by increasing the plant. I am very strongly of the opinion, that if this were done, an open channel could be maintained every winter between these points.

At the latter end of April, a request was received from the Department of Railways and Canals, asking that the *Lady Grey* be sent up to the Soulanges Canal to break up an accumulation of ice and frazil that had formed at the lower entrance. This vessel had performed the same work, most successfully, the previous year.

Instructions were immediately given to the captain of the *Lady Grey* to proceed to the Soulanges canal. She left Montreal on the morning of April 29, and by noon of May 1, after two days work, had cleared the channel as requested, allowing vessels to pass up and down freely.

Had the *Lady Grey* not been available to break up this jam, navigation in the canals would have been delayed for at least several days.

The expeditious manner in which this important work was performed gives additional proof of the usefulness of this vessel.

I have the honour to be, sir,

Your obedient servant,

N. B. McLEAN.

V. W. Forneret, Esq., C.E.,
Superintending Engineer.
River St. Lawrence Ship Channel,
Dept. of Marine and Fisheries,
Sorel, Que.

GENERAL INFORMATION.

The ship channel of the River St. Lawrence, between Montreal and Father Point, has a total length of 340 statute miles.

The contracted part of the river, which may properly be called 'ship channel,' commences at Traverse, to which point from Montreal, the distance is 220 miles.

The project for a 30 foot channel between Montreal and Quebec was adopted in 1889, while the improvements below Quebec were decided upon in 1906.

The project for the channel between Montreal and Quebec had in view a channel of 30 feet depth, at the extreme low water of 1897, from Montreal to tidal water at Batiscan, and from Batiscan to Quebec at extreme low tide. The width contemplated was a minimum of 450 feet in the straight portions, and from 550 to 750 feet at the bends. An anchorage was to be provided at White Buoy curve, Lake St. Peter, of 800 feet in width.

The 30-foot channel is now completed to the upper end of Cap à la Roche channel, a distance of 107½ miles from Montreal. The anchorage basin in Lake St. Peter has also been completed.

As a portion of the channel is finished it is thoroughly swept with the testing-scow, and if it proves clear, it is immediately opened for navigation.

During the summer of 1911, most of the Cap Charles channel widening was completed to 450 feet. The red buoys were moved 150 feet north to give the increased width.

The length of the 30 foot channel actually completed at the close of navigation, season 1911, equals 60·60 statute miles. Total length requiring dredging being 63·35 miles, there remaining 2·75 miles yet to be done.

Cap à la Roche will probably take about two more years to complete, while the remainder to Quebec should be completed in about one year longer.

The project of the work below Quebec, had in view a 30-foot channel at low tide at St. Thomas Flats and at Beaujeau Bank. The Beaujeau Bank channel was completed in 1910 to a depth of 30 feet at extreme low tide, and to 1,000 feet in width. The St. Thomas channel was completed to a depth of 30 feet at extreme low tide, and to a width of 1,000 feet, at the end of the season of 1911. This channel will be opened for navigation early next season.

Some progress was made on the 35-foot channel between Montreal and Quebec, as will be seen in the table found in another part of this report. A distance of 6·97 miles has been completed up to the end of season of navigation of 1911.

With the additional plant which is expected to be in readiness soon, better progress will be made.

During the season the usual sweeping of the channel was done and no obstruction of any serious nature was found.

The St. Jean des Chaillons semaphore which indicates the depth of water in the dredged channel at Cap à la Roche was put in operation on May 10, and the other at St. Nicholas showing the depth over the undredged St. Augustin bar on May 14.

A good start was made on the north channel below Quebec, with the two dredges, *Galveston* and *Beaujeu*. It has been decided to deepen this channel to 35 feet at extreme low tide, with a width of 1,000 feet.

Good progress has also been made on the channel approach to the Floating Dock basin, Montreal harbour, but owing to the material being found more difficult to remove than was anticipated, it will take all of another season to complete it.

The total cost from 1851 to the close of the fiscal year, of the ship channel, including plant, shops, surveys, &c., is as follows:—

Dredging	$ 8,947,029 83
Plant, shops, surveys, &c.	5,577,525 68
Total	$14,524,555 51

The number of cubic yards dredged amounted to 78,231,531, the material varying from very hard shale rock to soft blue clay.

Year.	Average Depth for each Month. in the 27½ foot channel. (27½ feet at Ordinary Low Water.)							From Sorel Gauge during each year May to November.	
	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Highest.	Lowest.
	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.
1890	35 6	35 3	31 9	30 6	30 9	29 9	30 6	37 0	29 0
1891	34 6	31 3	29 9	29 9	30 0	28 3	28 3	36 9	27 3
1892	31 0	31 9	31 6	30 6	28 9	28 3	28 3	33 6	27 3
1893	36 0	34 3	30 9	29 9	29 6	28 6	28 0	37 6	27 6
1894	34 6	31 9	31 0	29 2	28 3	28 9	29 0	36 0	27 7
1895	33 3	31 3	28 3	28 3	27 6	26 9	26 9	34 6	25 10
1896	33 6	30 6	28 9	28 0	27 6	27 9	29 0	37 0	27 4
1897	35 6	32 6	30 3	29 3	28 0	27 0	27 6	37 0	26 5
1898	31 6	30 9	29 8	28 2	28 2	28 3	28 6	32 1	26 9
1899	36 2	31 9	30 3	28 6	27 6	28 0	27 9	37 9	26 9
1900	33 6	30 9	30 6	29 6	28 1	28 9	29 2	35 9	27 4
1901	34 3	31 10	29 2	28 3	27 7	27 4	27 3	36 3	26 6
1902	32 2	32 2	32 2	29 4	28 1	28 1	29 0	34 1	27 6
1903	33 0	30 11	30 5	29 5	28 4	29 0	27 11	32 8	26 11
1904	36 3	34 5	30 9	29 5	29 5	30 4	29 3	37 4	28 1
1905	31 10	30 8	29 7	29 0	28 0	28 5	28 1	33 6	27 1
1906	32 4	31 5	29 3	27 11	27 3	27 4	27 6	33 3	26 9

—	Average Depth for each Month in the 30 foot channel (30 feet at extreme Low Water of 1897.)								
	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Highest.	Lowest.
	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.	Ft. Ins.
1907	37 1	35 9	34 3	32 10	32 4	32 9	33 7	38 3	31 10
1908	41 5	37 10	33 10	32 10	32 0	31 0	30 6	42 4	30 0
1909	40 6	37 6	33 10	33 2	32 7	32 4	31 6	42 7	30 11
1910	35 7	34 5	32 3	31 7	31 6	31 6	31 7	37 1	30 7
1911	36 6	34 6	32 1	31 3	30 9	30 2	30 3	38 1	29 4

COST OF SHIP CHANNEL TO DATE.

TABLE showing the total cost of the dredging and plant and the quantities dredged to March 31, 1912.

	Cost of Dredging.	Expenditure for Plant, Shops, Surveys, &c.	Quantities Dredged.
	$ cts.	$ cts.	Cubic Yards.
MONTREAL HARBOUR COMMISSIONERS, 1851 TO 1888.			
Dredging Montreal to Cap à la Roche to 27½ feet at O.L.W. and from Cap à la Roche to Quebec to 27½ feet at half tide	3,402,494 35	534,809 65	19,865,693
DEPARTMENT OF PUBLIC WORKS.			
Dredging consisting of widening and cleaning up of channel, deepening Cap à la Roche to Cap Charles to 27½ feet at O.L.W. and dredging at Grondines Lotbiniere and Ste. Croix, 1889 to June 30, 1899	829,583 08	486,971 79	3,558,733
PROJECT OF 1899.			
Dredging channel between Montreal and Quebec to 30 feet at lowest water of 1897, also widening to a minimum width of 450 feet and straightening.			
Fiscal year 1899–1900	100,191 01	265,270 78	1,107,894
" 1900–1901	136,680 83	287,040 04	2,479,385
" 1901–1902	185,429 80	479,731 47	3,098,350
" 1902–1903	255,776 55	277,703 50	6,544,605
" 1903–1904	276,958 59	308,765 44	4,619,260
DEPARTMENT OF MARINE AND FISHERIES.			
This includes the work below Quebec.			
Fiscal year 1904–1905	311,087 93	277,225 69	2,716,220
" 1905–1906	431,768 30	317,327 37	4,047,530
" 1906–1907 (July 1, '06 to March 31, '07)	302,677 37	275,003 61	3,001,010
" 1907–1908	478,209 66	417,390 22	4,831,875
" 1908–1909	497,686 03	340,861 86	5,896,737
" 1909–1910	572,950 71	321,375 80	6,354,285
" 1910–1911	576,838 02	488,248 88	5,600,050
" 1911–1912	588,697 60	499,799 58	4,509,904
	8,947,029 83	5,577,525 68	78,231,531

DREDGES.

Elevator Dredge Laval (No. 1.)—This is the oldest dredge in the ship channel fleet. The hull is of wood, constructed in Ottawa in 1894. The buckets are made of cast steel for work in rock and other hard material.

During the winter of 1911, some of the buckets were repaired, and a new lower tumbler put in. The dredge was thoroughly overhauled and put into good condition for the next season's work.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows:—

Dredge *No. 1* left Sorel on May 1, and was taken up to Montreal and laid out on the channel approach to the floating dock, Maisonneuve, where she worked till August 29. The material dredged being hard-pan and stones.

From August 30 to September 10, inclusive, this dredge was undergoing repairs. A new tumbler, new buckets and a new bow wire were put in.

The repairs having been completed, *No. 1* was laid out in the ship channel abreast of St. Helen's island on September 11. She continued working there, widening and deepening the channel to 30 feet E.L.W. until November 25, when she was brought to Sorel to go into winter quarters.

The material being sand and clay with some boulders.

No. 1 was at work for a total of 177 days, and her machinery was in active operation 66 per cent of the full working time.

The total number of cubic yards excavated amounted to 242,800, at a total cost of $52,904.31, or 21$^{78}/_{100}$ cents per cubic yard.

Elevator Dredge Laurier (No. 2.)—The hull of this dredge is of wood having been constructed at the government shipyard at Sorel, in 1897 . *No. 2* is equipped with a set of cast steel buckets, especially designed for rock and other hard material.

During the winter of 1911, the buckets and step of the 'A' frame were repaired and a new 1½-inch cable was issued to this dredge. A general overhauling was given to the machinery and boilers, &c.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows: —

Dredge No. 2 left Sorel on May 1, and was taken up to Varennes curve, where she was laid out to deepen the channel to 35 feet at low water of 1897, and also to it, the material being clay. She continued working till May 26, when she was taken to Sorel, and remained there till May 29 undergoing repairs. The conditions at Cap à la Roche being now such that this dredge could be worked to advantage, she was taken down from Sorel on May 29 and set to work at Cap â la Roche curve, where she remained until November 14. The material dredged being shale rock.

On November 14, she was moved up to Varennes curve and worked there widening and deepening the channel to 35 feet at E.L.W. of 1897, till November 25, when she returned to Sorel to go into winter quarters.

In a total of 177 days during which *No. 2* was at work, her machinery was in actual operation 65 per cent of the full working time.

The total number of cubic yards dredged amounted to 199,400 at a cost of $51,-137.36 or 25$^{61}/_{100}$ cents per cubic yard.

Elevator Dredge Aberdeen (No. 3.)—The hull of this dredge is of steel, the complete vessel having been constructed at the Sorel shipyard in 1900. The buckets are of cast steel for work in hard material.

During the winter of 1911, repairs were made to her buckets, shoot, the wood work generally, search light rheostal, to main engines and stern and bow winches, as well as having the boilers repaired. A new upper tumbler was installed during the winter.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows:—

Dredge No. 3 left Sorel on May 1, and was taken up to Varennes curve, where she was laid out to deepen the channel to 35 feet at low water of 1897, and also to widen it, the material being clay.

The dredge continued working at this place till the water was sufficiently low to allow of her working to advantage at Cap Charles, and on June 2, she was taken down and laid out on June 3 at Cap Charles curve, where she left off the previous season. Work was carried on here until July 21, the material excavated being shale rock.

On this date, July 21, dredge *No. 3* was moved to Grande Pointe shoal, and worked there dredging sand and stones, and finished the cut on August 10.

She was then moved to Grondines and worked there till September 1, *No. 3* was moved back to Cap Charles where she remained till November 8, dredging shale rock which had to be broken up by rock cutter.

From November 8 till November 25 she was again working at Varennes curve, and on the later date returned to Sorel to go into winter quarters.

The possible working time for dredge *No. 3* was 177 days, and she was in actual operation 62 per cent of that time.

The total number of cubic yards removed amounted to 229,500 at a cost of $48,784.43, or $21^{25}/_{100}$ cents per cubic yard.

Elevator Dredge Minto (No. 4.)—This dredge is of the same type and design as *No. 3*, and was constructed at the Sorel shipyard in 1900. *No. 4* is also provided with cast steel buckets for dredging in rock, and other hard material.

During the winter of 1911, dredge *No. 4* was given a good general overhauling and the machinery put into good condition for the next season.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911 were as follows:—

Dredge *No. 4* began the season earlier than the other dredges as she was put to work on April 24 dredging out a berth in front of the wharf at the Sorel shipyard.

On May 4 this work was completed and she was moved up to Varennes curve, where she remained until May 31 dredging the channel to 35 feet at L.W. of 1897 and also widening it, the material removed being clay.

By May 31 the water in the tidal reaches of the river being low enough to allow operating this dredge to advantage, she was moved down and laid out at Cap à la Roche curve where she worked excavating shale rock and hard-pan until November 16.

A serious accident occurred to this dredge on July 17, when the buckets came completely off the frame in the middle of the channel. The operation of lifting them was very slow and tedious, as they had to be lifted in short lengths with a stone lifter. Six days were required to do the work, from July 17 to July 22, inclusive.

Dredge No. 4 was moved up to Ste. Anne Traverse on November 16, and worked there till November 27, deepening the channel to 35 feet at E.L.W., the dredged material being clay. She was then brought to Sorel to go into winter quarters.

The number of days which this dredge was in operation was 184, and the percentage of time of actual work, 58.

The total number of cubic yards removed amounted to 238,050, at a cost of $50,677.07, or $21^{38}/_{100}$ cents per cubic yard.

Elevator Dredge Lafontaine (No. 5.)—This dredge was also constructed at the Sorel shipyard, and was completed in 1901. The hull is of wood. She is fitted out with cast steel buckets for rock.

During the winter of 1911, the sides of the well of the dredge were strengthened by putting in a steel truss on each side. She was also given a thorough overhauling and all necessary repairs were made to put her in good condition for the next season's work.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911 were as follows:—

Dredge No. 5 left Sorel on May 1, was taken up to Varennes curve to deepen the channel to 35 feet and widen it, the material being clay.

On May 22, the buckets of this dredge came off the frame and it was not until May 25 that they were replaced and properly repaired. Work was carried on at Varennes curve until June 10, when this dredge was removed to Cap à la Roche curve, the water being low enough to allow of her being worked advantageously.

From June 10 to October 12 she was in operation at Cap à la Roche curve, the material dredged being shale rock,

On October 12 she was moved down to Cap Charles channel and remained there, excavating hard-pan and stones until November 13, when she was once more moved up to Varennes curve, where she worked till November 25, when she was brought down to Sorel to go into winter quarters.

The working time of dredge *No. 5* was 177 days. She was in actual operation 63 per cent of the full working time.

The total number of cubic yards removed amounted to 249,600, at a total cost of $57,537.34, or 23$\frac{7}{100}$ cents per cubic yard.

Elevator Dredge Baldwin (No. 6.)—This dredge was constructed at the Sorel shipyard in 1902, the hull being of wood. *No. 6* is provided with large built up buckets for working in soft material, but with sufficient teeth to enable the dredge to work in hard clay, &c.

During the winter of 1911 this dredge was thoroughly overhauled and put in good condition for the next season's work. Ten buckets were replaced by new ones and the others repaired.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows:—

Dredge No. 6 left Sorel on May 1, and was taken up and laid out at the approach to the floating dock, Montreal, where she worked till June 30, the material dredged being hard-pan and stones.

On June 30 she was removed to the White Buoy curve, Lake St. Peter, to clean up several lumps that had been found by the testing scow. These lumps were removed and at the same time the channel was dredged to 35 feet at low water of 1897, the material being clay.

When the work at White Buoy curve was finished on July 19, *No. 6* was taken down to Champlain to clean up sand bars that had been formed in the channel. She worked there steadily till October 12, when an accident occurred to her upper tumbler. The dredge had to be taken to Sorel to have this repaired and it was not till October 20 that the repairs were completed; the dredge then returned to Champlain channel. Operations were continued where they had been left off until the sand bars had been cleaned up on November 6.

On this date, the dredge was taken up to Ste Anne Traverse, where she worked till November 27 deepening the channel to 35 feet at E.L.W. of 1897, the material being clay. She was then brought to Sorel for the winter.

In a total of 178 days during which this dredge was at work her machinery was in active operation 66 per cent of the full working time.

The total number of cubic yards removed amounted to 419,180, at a cost of $53,694.60, or 12$\frac{8}{100}$ cents per cubic yard.

Hydraulic Dredge, J. Israel Tarte (No. 7.)—The hull of this dredge is of steel of the same type and general design as the steel hulls of the elevator dredges. She was constructed in 1902 by the Polson Iron Works Company of Toronto, Canada.

During the winter and spring of 1911, many changes, repairs and improvements were made to this dredge.

The centrifugal sand suction pump was relined with cast steel. Important improvements were also made to the set of four boilers. Eleven new corrugated furnaces were put in. Howden's system of forced draught was installed, and the machinery was given a general overhauling. It was not till June 11 that all these repairs and alterations were completed and the dredge was ready to begin the season's operations.

Much time was lost by this dredge owing to want of steam, this was partly due to inferior quality of coal, but principally on account of poor class of firemen whose services were very unsatisfactory. Owing to the great number of large works under construction throughout the country, the best class of men preferred to work on land as they could obtain very high wages.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows:—

On June 12, dredge *No. 7* left Sorel for Lake St. Peter and was laid out near the upper end of curve No. 2 to deepen the channel to 35 feet at L.W., 1897. This dredge

worked up stream from this point until November 20, when the head of her cut was a short distance above the lower end of curve No. 7. All the channel between these two points being completed to 35 feet, the material dredged was stiff clay and some sand.

In a total number of 135 days, during which this dredge was at work, her machinery was in operation for 42 per cent of the time.

The number of cubic yards removed amounted to 1,328,324, at a total cost of $99,295.72, or 7$^{47}/_{100}$ cents per cubic yard.

Dipper Dredge (No. 10.)—This dredge was constructed at the Sorel shipyard and completed in 1910. The hull is of steel. A general overhauling was given to her machinery in Montreal where she wintered.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows:—

Dredge No. 10 began work on the channel approach to the floating dock basin at Montreal on May 5, and worked there all season till November 27, when she went into winter quarters, the material dredged being hard-pan and stones.

On June 29 the dipper of this dredge was broken. A new dipper had to be brought up from Sorel, and on July 5 the new one was fitted and the dredge was able to commence work again.

During the season of 1911, out of a possible number of 174 days, the dredge was in actual operation 69 per cent of that time.

The total quantity of cubic yards removed, amounted to 347,600, at a cost of $38,215.47, or 10$^{99}/_{100}$ cents per cubic yard.

Dipper Dredge (No. 11.)—Steel hull. This dredge was constructed at the Sorel shipyard and completed in 1911. She was designed by Mr. John Kennedy, consulting engineer for the Montreal harbour commissioners.

The following are her dimensions:—

	Feet.
Length moulded	132·5
Breadth moulded	42
Depth at bow	11·8
Depth at stern	13·5
Length of spuds	74

Main engines, 2 compound, 16 and 30 x 22 inches.

Swinging engines, 14 x 14 inches.

Capstan engines, 10 x 14 inches.

The capacity of her bucket for rock is 9 cubic yards, and for soft material, 11 cubic yards.

The pull on the bucket hoisting rope = 180,000 lbs.

The dredge is able to work to a depth of 50 feet. She is equipped with electric light. The steam for the machinery is provided by one marine boiler 12 feet in diameter by 10 feet in length, with two Morrison furnaces, the boiler having a working pressure of 160 lbs. per square inch.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows:—

Dredge No. 11 was first set to work at Sorel excavating foundation seat for the new shipyard crane. She was employed there from August 25 until September 5. On September 6 she was taken to Montreal and laid out on the channel approach to the floating dock basin where she worked till October 10, when a serious accident occurred to the boiler which made it necessary that the dredge should be taken to Sorel.

The repairs were finished and the boiler in good order by October 30, and on the following day, October 31, she was taken back to Montreal, where she worked on the channel approach until November 15, *No. 11* broke her dipper. This being repaired,

the dredge began work again on November 20, and worked until November 23, when another accident occurred. The shackle connecting the hoisting wire to the bucket broke and the dipper arm went to the bottom. In lifting it, the chain broke and the dipper arm in falling smashed one end of a dumping scow which filled and sank. The dredge was engaged for the balance of the season helping to raise the sunken scow. She returned to Sorel to go into winter quarters on December 1.

During the season of 1911, out of a possible number of 60 days, the dredge was in actual operation 49 per cent of that time. The total number of cubic yards removed amounted to 81,900, at a cost of $22,088.14, or 26$^{9}/_{100}$ cents per cubic yard.

The total number of cubic yards removed by the dredging fleet in the ship channel between Montreal and Quebec, during the fiscal year ending March 31, 1912, amounted to 3,336,354, at a total cost of $474,334.44, or 14$^{2}/_{100}$ cents per cubic yard.

Hopper Hydraulic Dredge Beaujeu (No. 8.)—Steel hull, twin screw. This dredge was built at Sorel shipyard in 1906.

During the winter of 1911, this dredge received a thorough overhauling and slight alterations and improvements were made.

The details of the operations of this dredge for the fiscal year beginning April 1, 1911, were as follows:—

Dredge No. 8 left Sorel on May 8 for Quebec, and on May 11 went into dry dock, where she remained till May 17, being scraped, painted and having the stern bearings repaired.

She left Quebec on May 18, arriving at St. Thomas bank the same day, and began working where she had left off the previous season. Work was carried on steadily, and on October 21, the cut through St. Thomas bank was completed to 30 feet at low tide. The material dredged was clay and stones. A few lumps still remain to be cleaned up near the head of Crane island. These will be taken out as early as possible next season.

On October 23 the *Beaujeu* crossed to the north channel and began work in the north channel traverse, west sand, the material to be dredged there consists of sand and gravel which can be handled very advantageously by this dredge. Her average for an 1,800 yard load of this material was about 50 minutes actual pumping.

She stopped work in the north channel on November 23, and proceeded to Sorel to go into winter quarters.

The working time of *No. 8* was from daylight to dark and the dredge was kept in operation 71 per cent of the time.

During the season, the *Beaujeu* worked 163 days, and made 381 loads, which amounted to 665,250 cubic yards, at a total cost of $59,364.97, or 8$^{92}/_{100}$ cents per cubic yard.

Suction Hopper Dredge Galveston (No. 9.)—Steel hull, twin screw. This dredge was constructed in Germany in 1904.

During the winter of 1911, a new dynamo was installed on the *Galveston,* 130 plain and stay boiler tubes were renewed, and she was generally overhauled .

The details of the operations of this dredge for the fiscal year beginning April 12, 1911, were as follows:—

No. 9 left Sorel for St. Michel-de-Bellechasse on May 11, arriving there the next day. She went aground alongside the wharf and made repairs to the turbines.

On May 15 the repairs to the turbines having been completed, she proceeded to Beaujeu channel and worked there till May 18, clearing up lumps. On May 18 she crossed to the north channel and was set to work at the east narrows, the material being sand and gravel.

She was sent to Levis on May 19 to go into dry dock to be scraped, painted and to have repairs made to the doors. This work being completed on May 28, the dredge returned to the east narrows and continued working there until July 31. It was found that the material was very hard, and that the current was very strong and

variable. This combination of circumstances occasioned several serious breakages so it was thought advisable to try *No. 9* in a different place where the conditions were more favourable.

She was moved up to the west sand and worked there with much better results until November 10. On this date she was sent to St. Michel-de-Bellechasse to be beached and prepared to go into winter quarters. She left St. Michel on November 14 and arrived at Sorel November 15 where she was laid up.

No. 9 lost a great deal of time owing to the fact that the suction pipe was twice broken away from the forward hoisting and stay wires, and also because the boiler gave a great deal of trouble and a great many tubes had to be renewed.

During the season, this dredge worked 130½ days. Her hours of operation were from daylight to dark. She was in actual operation 49 per cent of the full working time, and made 362¾ loads, amounting to 508,300 cubic yards. The total cost amounted to $54,998.19, or 10^{8}⁷⁄₁₀₀ cents per cubic yard.

The total number of cubic yards removed by the *Beaujeu* (No. 8) and the *Galveston* (No. 9) below Quebec during the fiscal year ending March 31, 1912, amounted to 1,173,550 at a total cost of $114,363.16, or 9^{7}¼₁₀₀ cents per cubic yard.

The total number of cubic yards removed by the whole of the dredging fleet during the season amounted to 4,509,904, at a total cost of $588,697.60, or 13⁵⁄₁₀₀ cents per cubic yard.

PROGRESS of Dredging Operations at date of writing, the close of the season, 1911.
30 FOOT PROJECT.

Locality.	Distance English miles.	Total length requiring dredging.	Length dredged in 1911.	Total length of 30 foot channel dredged.	Length yet to be dredged.
		Miles.	Miles.	Miles.	Miles.
Division 1:— Montreal to Sorel	45	22·90	.....	22·90	All completed.
Division 2:— Sorel to Batiscan	36	12·45	.....	12·45	All completed.
Division 3:— Lake St. Peter	20	18·00	.....	* 0·20 †17·80	
Division 4:— Batiscan to Quebec	59	10·00	0·55	7·25	2·75
Division 5:— Quebec to The Traverse	60	6·65	0·65	4·65	2·00
Total	220	70·00	1·20	65·25	4·75

*Not widened. †Widened.

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PROGRESS of Dredging Operations at date of writing, the close of the season, 1911.
30 FOOT PROJECT.

LOCALITY.	LENGTH OF DREDGING.		Cubic yards yet required to be done.
	Required.	Done.	
	Miles.	Miles.	
Division 1:—			
Longueuil shoal		1·10	
Longue pte. to Pte. aux Trembles (E.H.)		5·05	
Ile Ste. Therese		0·40	
Varennes to cap St. Michel		3·00	
Cap St. Michel to Vercheres		4·50	
Vercheres Traverse		1·10	
Vercheres to Contrecœur		1·70	
Contrecœur channel		6·05	
Total		22·90	
Division 2:—			
Sorel to Ile de Grace		4·40	
Stone island		1·10	
Ile aux Raisins		0·25	
Lake St. Peter (see Div. 3)		0·50	
Port St. Francis		0·50	
Three Rivers		0·50	
Cap Madeleine to Becancour		1·55	
Becancour to Champlain		2·25	
Champlain to Pte. Citrouille		1·30	
Batture Perron		0·60	
Total		12·45	
Division 3:—			
Lake St. Peter		* 0·20	200,000
		†17·80	
Total		18·00	200,000
Division 4:—			
Batiscan to Cap Levrard		3·00	
Cap a la Roche channel	0·50	1·50	400,000
Pouillier Rayer	0·15	1·05	125,000
Cap Charles	0·30		60,000
Grondines	0·60	0·20	220,000
Lotbiniere		0·40	
Cap Sante		0·20	
Ste. Croix	0·60	0·30	150,000
St. Augustin	0·60		300,000
Total	2·75	7·25	1,255,000
Division 5:—			
Quebec to the Traverse	2·00	4·65	550,000
Total	2·00	4·65	550,000
Totals	4·75	65·25	2,005,000
Cubic yards yet to be done			2,005,000
Cubic yards done			72,582,537
Total			74,587,537

* Not widened. † Widened.

PROGRESS of Dredging Operations at date of writing, the close of the season, 1911.

35 FOOT PROJECT.

Locality.	Length dredging required.	Length done.	Cubic Yds. to be dredged.	Cubic Yds. dredged.
Division 1:—				
Longueuil shoal	1·88	.....	573,259	.....
Longue Pte. Traverse	0·47	.....	426,222	.....
Longue Pte. curve	1·32	.....	657,546	.....
Pte. aux Trembles channel	3·94	0·20	2,405,432	97,400
Ile Ste. Therese channel	1·12	.....	275,100	.....
Varennes curve	2·58	0·50	2,376,577	1,114,050
Cap St. Michel curve	0·56	.....	385,000	.....
Cap St. Michel to Vercheres	4·72	.....	2,273,832	.....
Vercheres Traverse	1·24	.....	452,241	.....
Vercheres to Contrecœur	1·91	.....	857,837	.....
Contrecœur channel	8·28	.....	5,221,481	.....
Lanoraie to Sorel	0·51	.....	119,466	.....
Totals, Division 1	28·63	0·70	16,023,993	1,211,450
Division 2:—				
Sorel to Ile de Grace	4·98	0·50	2,920,710	289,400
Stone island	2·11	.....	941,015	.....
Ile aux Raisins	2·09	.....	910,000	.....
Port St. Francis	1·00	.....	632,981	.....
Three Rivers	0·72	.....	410,147	.....
Cap Madeleine to Becancour	2·40	.....	979,118	.....
Becancour to Champlain	1·16	.....	717,500	.....
Champlain to Pte. Citrouille	4·06	.....	1,706,759	.....
Batture Perron	1·23	.....	456,000	.....
Totals, Division 2	19·75	0·50	9,674,230	289,400
Division 3:—				
Lake St. Peter	18·32	5·66	10,766,054	3,431,894
Division 4:—				
Batiscan to Cap Levrard	4·48	.....	2,386,168	.....
Cap Levrard channel	1·27	.....	781,666	.....
Cap a la Roche curve	2·06	.....	1,836,859	.....
Cap Charles channel	2·04	.....	1,077,416	.....
Grondines	0·83	.....	513,332	.....
Lotbiniere	0·47	.....	321,480	.....
Cap Sante	1·51	.....	655,561	.....
Ste. Croix	1·47	.....	798,518	.....
St. Augustin	1·41	.....	826,207	.....
Totals, Division 4	15·54	.....	9,321,650	.....
Division 5:—				
Quebec to Goose cape (North channel)—				
Madame reef shoal	2·84	.....	2,595,132	.....
West Sand and East Narrows shoals	5·30	0·50	13,568,041	716,250
Totals, Division 5	8·14	0·50	16,153,173	716,250
Totals	90·38	7·36	61,939,100	5,648,994
Totals remaining to be done	83·02	.....	56,290,106	.....

ABSTRACT of Work of Dredging Fleet during the Fiscal Year ended March 31, 1912.

Dredge.	Locality of Dredging.	Time of service.	Nominal work hours, 24 per day.	Hours actual dredging.	Number of scows filled.	Number of cubic yards dredged (scow measurement.)	Depth of dredging at low water.		Width in feet.	Character of Soil.	Remarks.
		Days.	Hours.				Ft.	In.	Feet.		
Laval (No. 1).....	Floating dock approach	.107	2,352	1,690¾	860	185,050	30	0	500 to 750	Hard pan and stones..	Captain R. Matte.
	Montreal harbour.....	70	1,500	864½	391	57,750	30	0	500	Sand and stones.	
		177	3,852	2,555¼	1,251	242,800					
Laurier (No. 2).....	Varennes curve.....	36	792	519	250	50,000	35	0	550 to 600	Clay.....	Captain C. Gendron.
	Cap a la Roche curve.	141	3,060	1,976¾	747	149,400	30	0	450 to 550	Shale rock.	
		177	3,852	2,495¾	997	199,400					
Lady Aberdeen (No. 3)....	Varennes curve.....	43	948	723½	493	98,600	35	0	550 to 600	Clay.....	Captain P. Cardin.
	Cap Charles curve....	94	2,016	1,173¾	545½	109,100	30	0	600	Shale rock.	
	Grand Point shoal....	21	468	218	27	5,400	30	0	450 to 600	Clay, sand and stones.	
	Grondines.....	19	420	291¼	82	16,400	30	0	450	Sand and stones.	
		177	3,852	2,406½	1,147½	229,500					
Lady Minto (No. 4).....	Sorel harbour.....	9	204	91½	44	8,800	25	0	.....	Clay and sand.....	Capt. B. Ladebauche
	Varennes curve.....	24	528	367¾	222½	44,500	35	0	550 to 600	Clay.	
	Cap a la Roche curve.	25	552	350	161	32,200	30	0	450 to 550	Shale rock and hard pan.	
	Cap Charles channel..	116	2,508	1,423¾	680¾	136,150	30	0	450	Shale rock and hard pan.	
	Ste. Anne Traverse...	10	216	110¾	82	16,400	35	0	450	Clay.	
		184	4,008	2,343¾	1,190¼	238,050					

ABSTRACT of Work of Dredging Fleet during the Fiscal Year ended March 31, 1912.—*Concluded.*

Dredge.	Locality of Dredging.	Time of service.	Nominal work hours, 24 per day.	Hours actual dredging.	Number of scows filled.	Number of cubic yards dredged (scow measurement.)	Depth of dredging at low water.	Width in feet.	Character of Soil.	Remarks.
		Days.	Hours.				Ft. In.	Feet.		
Lafontaine (No. 5).....	Varennes curve.....	48	1,056	742½	566	121,400	35 0	550 to 600	Clay.....	Captain A. Marcotte.
	Cap a la Roche curve.	103	2,232	1,333	537	107,400	30 0	450 to 550	Shale rock.	
	Cap Charles channel..	26	564	365½	104	20,800	30 0	450	Hard pan and stones.	
		177	3,852	2,441	1,207	249,600				
Baldwin (No. 6).....	Floating dock appr'ch	52	1,152	925	342½	83,080	30 0	500 to 750	Hard pan and stones..	Captain L. Dauphinais
	White Buoy curve, L. S.P.....	16	348	210¼	303	87,000	35 0	450 to 800	Clay.	
	Champlain channel....	92	1,980	1,195	944	189,800	30 0	450	Sand (cleaning up).	
	Ste. Anne Traverse....	18	396	232	206	59,300	35 0	450	Clay.	
		178	3,876	2,562¼	1,795½	419,180				
J. Israel Tarte (No. 7)....	No. 2 curve, Lake St. Peter.....	6	132	37½	.....	47,250	35 0	450 to 600	Stiff clay.....	Captain J. S. Michaud.
	No. 1 curve to No. 2 curve, L.S.P.....	117	2,574	1,112½	.....	1,143,412	35 0	450	Stiff clay and some sand.	
	No. 1 curve, Lake St. Peter.....	12	264	95½	.....	137,662	35 0	450 to 600	Stiff clay.	
		135	2,970	1,245½	.....	1,328,324				

Beaujeu (No.8)	St. Thomas channel...	133	1,852½	1,351½	249	442,300	30	0	1,000	Clay and stones	Captain A. Bourget.
	North channel, West sand	30	364½	221½	132	222,950	35	0	1,000	Sand and gravel.	
		163	2,217	1,573	381	665,250					
Galveston (No. 9)	Beaujeu channel	3	41	32½	10	15,000	30	0	1,200	Sand, clay and gravel.	Captain L. Lemieux.
	North channel, East narrows	35½	565½	284½	89½	133,900	35	0	1,000	Sand and gravel.	
	North channel, West sand	92	2,016½	958½	262¾	359,400	35	0	1,000	Sand and gravel.	
		130½	2,623	1,275½	362¼	508,300					
Dipper Dredge (No. 10)	Floating dock appr'ch	174	1,955¼	1,351	1,774	347,600	30	0	500 to 750	Hard pan and stones.	Captain J. Dunlop.
Dipper Dredge (No. 11)	Sorel	10	65	27½	41	7,700	25	0	.....	Sand and clay	Captain R. Bellerose.
	Floating dock appr'ch	50	509	243	300½	74,200	30	0	500 to 750	Hard pan and stones.	
		60	574	270½	341½	81,900					
		.....	.....	.....	.....	4,509,904					

DETAILS of Dredging, Locality and Cost per Cubic Yard.

CLASSIFICATION of Disbursements for the Fiscal Year ended March 31, 1911.

Vessels.	Fuel.	Wages.	Board.	Stores and materials.	Repairs and labour.	Expenditure: new plant, rebuilding shipyard, &c.	Proportion of general and office expenses, &c.	Expenditure for each vessel.	Floating shop, rock-crusher and stone lifter service, elevator dredges.	Tug service.	Inspection, towing, sweeping, &c.	Total cost of operations of each dredge and plant during Fiscal Year.	Total expenditure on different appropriations.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	
Dredge *Laval* (No. 1)	6,866 78	8,430 09	2,935 27	4,726 11	10,444 82	.....	2,226 66	35,629 73	3,392 91	11,418 74	2,462 93	52,904 31	
Tug *Portneuf*	3,154 39	3,879 81	1,468 59	730 91	1,472 04	.....	713 00	11,418 74	.....	.....	.....	.....	
Dredge *Laurier* (No. 2)	6,925 28	8,209 75	3,007 91	5,052 73	8,904 38	.....	2,139 88	34,239 93	3,392 92	11,041 57	2,462 94	51,137 36	
Tug *Chambly*	2,996 89	4,417 11	1,758 86	686 01	493 25	.....	689 45	11,041 57	.....	.....	.....	.....	
Dredge *Lady Aberdeen* (No. 3)	6,133 28	8,525 88	3,127 61	3,355 19	9,241 28	.....	2,025 54	32,408 78	3,392 91	10,519 80	2,462 94	48,784 43	
Tug *Emilia*	2,905 89	3,988 92	1,520 80	764 07	683 25	.....	656 87	10,519 80	.....	.....	.....	.....	
Dredge *Lady Minto* (No. 4)	5,615 78	8,447 29	3,164 90	2,467 29	9,177 16	.....	1,924 92	30,797 34	3,392 91	14,023 88	2,462 94	50,677 07	
Tug *Iberville*	3,230 89	4,608 75	1,810 76	922 67	2,575 14	.....	875 67	14,023 88	.....	.....	.....	.....	
Dredge *Lafontaine* (No. 5)	8,792 78	8,262 24	3,053 57	3,448 62	9,299 99	.....	2,190 31	35,047 51	3,392 91	16,633 99	2,462 93	57,537 34	
Tug *Lac St. Pierre*	3,860 89	4,377 11	1,721 23	1,219 42	4,416 69	.....	1,038 65	16,633 99	.....	.....	.....	.....	
Dredge *Baldwin* (No. 6)	7,690 27	8,519 04	2,950 65	3,117 12	13,220 25	.....	2,366 14	37,863 47	3,392 91	9,975 28	2,462 94	53,694 60	
Tug *Lanoraie*	2,042 89	3,920 40	1,460 80	629 05	1,299 27	.....	622 87	9,975 28	.....	.....	.....	.....	
Dredge *J. Israel Tarte* (No. 7)	23,808 82	13,818 00	4,045 50	7,235 60	23,432 70	.....	4,819 91	77,160 53	.....	19,672 25	2,462 94	99,295 72	
Tug *Lotbinière*	2,299 71	4,760 86	1,841 58	848 07	2,105 82	.....	789 61	12,645 65	.....	.....	.....	.....	
Tug *Carmelia*	1,561 71	2,346 10	785 41	758 32	1,136 31	.....	438 75	7,026 60	.....	.....	.....	.....	
Dredge *Beaujeu* (No. 8)	12,361 14	12,115 98	3,559 07	4,210 97	13,494 05	.....	3,048 38	48,789 59	.....	8,112 44	2,462 94	59,364 97	
Dredge *Galveston* (No. 9)	11,034 26	10,851 70	3,422 99	2,387 54	13,950 61	.....	2,775 72	44,422 82	.....	8,112 43	2,462 94	54,998 19	
Tug *Jas. Howden* (Divided equally between Nos. 8 and 9.)	3,492 97	5,327 34	2,004 24	1,111 58	3,275 64	.....	1,013 10	16,224 87	.....	.....	.....	.....	
Dipper Dredge (No. 10)	3,888 00	6,211 83	1,792 20	3,125 23	6,180 16	.....	1,413 77	22,611 19	.....	13,141 34	2,462 94	38,215 47	
Tug *Contrecœur*	3,370 50	4,511 57	1,788 63	854 68	1,795 40	.....	820 56	13,141 34	.....	.....	.....	.....	
Dipper Dredge (No. 11)	1,783 29	3,476 39	740 34	1,095 77	7,470 27	.....	970 10	15,536 16	.....	4,089 04	2,462 94	22,088 14	
Tug *Varennes*	895 22	1,513 45	444 19	351 30	629 55	.....	255 33	4,089 04	.....	.....	.....	.....	
Tug *Jessie Hume* (Divided equally)	2,088 00	2,831 35	1,005 99	625 43	1,339 71	.....	525 51	8,415 99	.....	.....	.....	.....	
Str. *De Levis* ($\frac{1}{4}$ to each dredge.)	3,327 75	5,841 73	2,422 87	1,464 37	4,453 43	.....	1,166 18	18,676 33	.....	.....	.....	.....	

Stone-lifter No. 2..	Divided	135 00	1,272 34	365 40	178 95	585 62	.....	168 99	2,706 30	.....	.....	.....	.....	
Stone-lifter No. 3..	equally	229 50	1,282 94	362 42	450 00	320 57	.....	176 19	2,821 62	.....	.....	.....	.....	
Rock cutter.....	between	1,872 00	4,299 35	1,807 78	2,071 04	1,652 56	.....	779 41	12,482 24	.....	.....	.....	.....	
Floating shop.....	elevator	27 00	936 47	399 13	437 87	400 27	.....	146 57	2,347 31	.....	.....	.....	.....	
	dredges.													588,697 60
Construction for Dredging Fleet—														
Tug *Carmelia*, new boiler...							434 63							
Tug *Jessie Hume*, new boiler							83 74							
Re-construction of 400 feet.. long pontoons.....							503 88							
Dredge *No. 7*, new furnaces for boilers.....							14,379 73							
Dredge *No. 8*, new discharging pipe.....							4,210 57							
Dredge *No. 10*, night work arrangement.....							1,637 85							
Rock Cutter *No. 1*, lifting arrangement.....							780 80							
Coal Barge *No. 5*, flying rudder.....							42 50							
1 20 ton size Lobnitz rock-cutter machinery.....							8,325 20							
Estimates for construction.							53 04							30,451 94
Improvements to Sorel shipyard—														
Boiler shop, new tools and machinery.....							1,154 34							
Blacksmith shop, new tools and machinery.....							60 00							
Cabinet shop, new tools and machinery.....							19 72							
Machine shop, new tools and machinery.....							3,761 34							
Transmission line.....							762 73							
Fencing lumber yard.....							1,836 07							
Water-works.....							245 58							
Power house.....							870 83							
Alteration to stores.....							960 32							
Flat bottom boat.....							102 82							
New sheer legs.....							24,589 07							
Building No. 26, alteration.							1,220 69							
" No. 27 "							61 13							
" No. 28 "							45 97							
Shipyard general.....							466 49							36,157 10
Stores and materials.....							.....							11,326 72
		132,390 88	156,983 79	54,768 79	54,325 91	153,450 19	66,609 04	36,778 04	588,697 60	20,357 47	126,740 76	27,092 32	588,697 60	666,633 36

RIVER ST. LAWRENCE SHIP CHANNEL—*Continued.*

DETAILS of Dredging, Locality and Cost per Cubic Yard.

Dredges.	Total cost of operations of each dredge and plant during Fiscal Year.	Number of days in operation each dredge.	Cost per day, operations of dredges and plant.	Days working, each locality.	Cost of work, each locality.	Total cost of operations of each dredge	Number of cubic yards dredged in each locality.	Total cubic yards for each dredge.	Cost per cubic yard, each locality.	Average cost per cubic yard for each dredge.	Kind of material dredged.	Locality of dredging.
	$ cts.		$ cts.		$ cts.	$ cts.			Cts.	Cts.		
Laval (No. 1).....	52,904 31	177	298 89	107	31,981 70	.....	185,050	.....	$17\frac{28}{100}$	.....	Hard pan and stones....	Floating dock approach.
				70	20,922 61	.....	57,750	.....	$36\frac{22}{100}$	.....	Sand and stones.....	Montreal harbour.
						52,904 31		242,800		$21\frac{78}{100}$		
Laurier (No. 2).....	51,137 36	177	288 91	36	10,400 82	.....	50,000	.....	$20\frac{80}{100}$	.....	Clay.....	Varennes curve.
				141	40,736 54	.....	149,400	.....	$27\frac{26}{100}$	.....	Shale rock.....	Cap à la Roche curve.
						51,137 36		199,400		$25\frac{64}{100}$		
Lady Aberdeen (No. 3)	48,784 43	177	275 61	43	11,851 58	.....	98,600	.....	$12\frac{2}{100}$	.....	Clay.....	Varennes curve.
				94	25,908 12	.....	109,100	.....	$23\frac{74}{100}$	.....	Shale rock.....	Cap Charles curve.
				21	5,787 98	.....	5,400	.....	$107\frac{18}{100}$	.....	Clay, sand and stones...	Grande Pointe shoal.
				19	5,236 75	.....	16,400	.....	$31\frac{93}{100}$	.....	Sand and stones.....	Grondines.
						48,784 43		229,500		$21\frac{25}{100}$		
Lady Minto (No. 4)....	50,677 07	184	275 41	9	2,478 77	.....	8,800	.....	$28\frac{16}{100}$	.....	Clay and sand.....	Sorel harbour.
				24	6,610 05	.....	44,500	.....	$14\frac{85}{100}$	.....	Clay.....	Varennes curve.
				25	6,885 47	.....	32,200	.....	$21\frac{38}{100}$	.....	Shale rock and hard pan	Cap à la Roche curve.
				116	31,948 59	.....	136,150	.....	$23\frac{46}{100}$	.....	Shale rock and hard pan	Cap Charles channel
				10	2,754 19	.....	16,400	.....	$16\frac{78}{100}$	.....	Clay.....	Ste. Anne traverse.
						50,677 07		238,050		$21\frac{38}{100}$		
Lafontaine (No. 5).....	57,537 34	177	325 07	48	15,603 35	.....	121,400	.....	$12\frac{85}{100}$	.....	Clay.....	Varennes curve.
				103	33,482 18	.....	107,400	.....	$31\frac{17}{100}$	.....	Shale rock.....	Cap à la Roche curve.
				26	8,451 81	.....	20,800	.....	$40\frac{63}{100}$	.....	Hard pan and stones....	Cap Charles channel.
						57,537 34		249,600		$23\frac{05}{100}$		
Baldwin (No. 6).....	53,694 60	178	301 65	52	15,686 06	.....	83,080	.....	$18\frac{88}{100}$	.....	Hard pan and stones....	Floating dock approach.
				16	4,826 48	.....	87,000	.....	$5\frac{54}{100}$	.....	Clay.....	White Buoy curve, L. St. P.
				92	27,752 27	.....	189,800	.....	$14\frac{62}{100}$	.....	Sand (cleaning up).....	Champlain channel.
				18	5,429 79	.....	59,300	.....	$9\frac{15}{100}$	.....	Clay.....	Ste. Anne traverse.
						53,694 60		419,180		$12\frac{80}{100}$		
J. Israel Tarte (No. 7)	99,295 72	135	735 52	6	4,413 14	.....	47,250	.....	$9\frac{34}{100}$	.....	Stiff clay.....	Curve No. 2, Lake St. Peter.
				117	86,056 28	.....	1,143,412	.....	$7\frac{52}{100}$	.....	Stiff clay and some sand	Curve No. 1 to Curve No. 2, Lake St. Peter.
				12	8,826 30	.....	137,662	.....	$6\frac{41}{100}$	.....	Stiff clay.....	Curve No. 1, Lake St. Peter.
						99,295 72		1,328,324		$7\frac{47}{100}$		

Beaujeu (No. 8).....	59,364 97	163	364 20	133	48,438 90	.....	442,300	.....	$10\frac{85}{100}$	Clay and stones.....	St. Thomas channel.
				30	10,926 07	.....	222,950	.....	$4\frac{10}{100}$	Sand and gravel.....	North channel, West Sand.
						59,364 97		665,250	.....	$8\frac{92}{100}$	
Galveston (No. 9).....	54,998 19	$130\frac{1}{2}$	421 44	3	1,264 32	.....	15,000	.....	$8\frac{42}{100}$	Sand, clay and gravel...	Beaujeu channel.
				$35\frac{1}{2}$	14,961 19	.....	133,900	.....	$11\frac{17}{100}$	Sand and gravel.....	North channel, East narrows.
				92	38,772 68	.....	359,400	.....	$10\frac{75}{100}$	Sand and gravel.....	North channel, West Sand.
						54,998 19		508,300		$10\frac{82}{100}$	
Dipper Dredge (No.10)	38,215 47	174	219 63	174	38,215 47	.....	347,600	.....	$10\frac{39}{100}$	Hard pan and stones....	Floating dock approach
						38,215 47		347,600		$10\frac{99}{100}$	
Dipper Dredge (No.11)	22,088 14	60	368 13	10	3,681 36	.....	7,700	.....	$47\frac{81}{100}$	Sand and clay.....	Sorel.
				50	18,406 78	.....	74,200	.....	$24\frac{80}{100}$	Hard pan and stones....	Floating dock approach.
						22,088 14		81,900		$26\frac{96}{100}$	
	588,697 60	$1,732\frac{1}{2}$		$1,732\frac{1}{2}$	588,697 60	588,697 60	4,509,904	4,509,904			

DREDGING PLANT.

The following is a description of the dredging plant at the end of the season of 1911 owned and operated by the Department of Marine and Fisheries in connection with the River St. Lawrence ship channel between Montreal and Father Point:—

DREDGES.

The Elevator Dredge 'Laval' (No. 1), wooden hull—

Length over all, 150 feet.
Breadth of beam, 30 feet.
Depth of hold, 14 feet.
Average draught, 11 feet.
Greatest working depth, 42 feet.
Hull built in Ottawa in 1894.
Steel buckets.
Working capacity per day in hard material, 1,000 to 2,000 cubic yards.

The Elevator Dredge 'Laurier' (No. 2), wooden hull—

Length over all, 163 feet.
Breadth of beam, 32 feet.
Depth of hold, 14 feet.
Average draught, 10 feet.
Greatest working depth, 45 feet.
Built at Sorel shipyard in 1897.
Steel buckets.
Working capacity per day in hard material, 1,000 to 2,000 cubic yards.

The Elevator Dredge 'Lady Aberdeen' (No. 3), steel hull—

Length over all, 148 feet.
Breadth of beam, 32 feet.
Depth of hold, 13 feet.
Average draught, 8·5 feet.
Greatest working depth, 42·5 feet.
Built at Sorel shipyard in 1900.
Steel buckets.
Working capacity per day in hard material, 1,000 to 2,000 cubic yards.

The Elevator Dredge 'Lady Minto' (No. 4), steel hull—

Length over all, 148 feet.
Breadth of beam, 32 feet.
Depth of hold, 13 feet.
Average draught, 8·5 feet.
Greatest working depth, 42·5 feet.
Built at Sorel shipyard in 1900.
Steel buckets.
Working capacity per day in hard material, 1,000 to 2,000 cubic yards.

The Elevator Dredge 'Lafontaine' (No. 5), wooden hull—

Length over all, 168 feet.
Breadth of beam, 32 feet.
Depth of hold, 14 feet.
Average draught, 9 feet.
Greatest working depth, 45 feet.
Built at Sorel shipyard in 1901.
Steel buckets.
Working capacity per day in hard material, 1,000 to 2,000 cubic yards.

The Elevator Dredge 'Baldwin' (No. 6), wooden hull—

Length over all, 165 feet.
Breadth of beam, 34 feet.
Depth of hold, 14 feet.
Average draught, 8 feet.
Greatest working depth, 42 feet.
Built at Sorel shipyard in 1902.
One cubic yard buckets strengthened for fairly hard material.
Working capacity per day in medium material, 2,500 to 3,500 cubic yards.

The Hydraulic Dredge 'J. Israel Tarte' (No. 7), steel hull—

Length over all, 160 feet.
Breadth of beam, 42 feet.
Depth of hold, 12·5 feet.
Average draught, 6 feet.
Length of suction pipe, 80 feet.
Greatest working depth, 47 feet.
Built at Polson Iron Works, Toronto, 1902.
Working capacity per day in soft material, 12,000 to 20,000 cubic yards.

Discharge Pipe and Pontoons of Dredge 'J. Israel Tarte' (No. 7)—

Twenty-seven lengths of pipe 36 inches diameter by 100 feet long.
One length of pipe 36 inches diameter by 35 feet long.
Twenty-seven pairs of pontoons for floating pipes, 42 ins. diameter by 90 feet long.

Scow No. 24, Pontoon Anchor Scow for Dredge 'No. 7,' wooden hull—

Length over all, 63 feet.
Breadth of beam, 27 feet.
Depth of hold, 8 feet.
Built at Sorel shipyard in 1909.

Scow No. 27, for Dredge 'J. Israel Tarte' (No. 7), wooden hull—

Length over all, 60 feet.
Breadth of beam, 18 feet.
Depth of hold, 6 feet.
Built at Sorel shipyard in 1902.

Suction Hopper Dredge 'Galveston' (No. 9), steel hull, twin screw—

Length over all, 233 feet.
Breadth of beam, 39 feet.

Depth of hold, 15·5 feet.
Draught when loaded with 1,800 tons, 14 feet 9 inches aft, and 13 feet 1 inch forward.
Greatest working depth, 55 feet.
Built in Germany, 1904.
Two suction pumps, Dutch type, 8·5 feet outside diameter.
Working capacity, 1,350 cubic yards in 45 minutes.
Hopper capacity, 1,500 cubic yards.

The Sea-going, Suction, Hopper Dredge 'Beaujeu' (No. 8), steel hull, twin-screw

Length between perpendiculars, 264 feet.
Breadth of beam, 45 feet.
Depth of hold, 20 feet.
Capacity of hoppers, 2,000 cubic yards in 45 minutes.
Greatest working depth, 65 feet.
Draught when loaded, 15 feet.
Ordinary speed, 9 statute miles.
Built in Sorel shipyard in 1907.

The Dipper Dredge 'No. 10,' steel hull—

Length moulded, 132·5 feet.
Breadth moulded, 42 feet.
Depth at bow, 11·5 feet.
Depth at stern, 9·7 feet.
Length of spuds, 74 feet.
Bucket capacity, one 11 yd. for soft material, one 9 yd. for hard material.
Capable of dredging to 50 feet.
Built at Sorel shipyard in 1910.

The Dipper Dredge 'No. 11,' steel hull—

Length moulded, 132·5 feet.
Breadth moulded, 42 feet.
Depth at bow, 11·8 feet.
Depth at stern, 13·5 feet.
Length of spuds, 74 feet.
Bucket capacity, one 11 yard for soft material, one 9 yard for hard material.
Capable of dredging to 50 feet.
Built at Sorel shipyard in 1911.

TUGS.

The Ice-breaking and Emergency Tug 'Lady Grey,' (steel hull, twin screw)—

Length between perpendiculars, 172 feet.
Length over all, 183 feet 6 inches.
Breadth moulded, 32 feet.
Breadth extreme, 32 feet 3 inches.
Depth moulded, 18 feet.
Draught mean to bottom of flat plate keel (normal) 12 feet.
Draught when ice-breaking, about 13 feet.
Displacement in tons at 12 feet, draught, 1,070.
Mean speed, at 12 feet draught, on 6 runs over measured mile base, 14 knots.
Built by Vickers Sons & Maxim, Ltd., Barrow-in-Furness, England, 1906.

The Tug 'Frontenac,' (composite hull, twin screw)—

Length over all, 113 feet.
Breadth of beam, 23 feet.
Depth of hold, 10 feet.
Average draught, 9 feet.
Built at Sorel shipyard in 1902.

The Tug 'De Levis' (wooden hull), twin screw—

Length over all, 104 feet.
Breadth of beam, 20 feet.
Depth of hold, 10 feet.
Average draught, 8 feet.
Built at Sorel shipyard in 1902.

The Tug 'James Howden' (wooden hull), twin screw—

Length over all, 100 feet.
Breadth of beam, 21 feet.
Depth of hold, 10 feet.
Average draught, 7·5 feet.
Built at Sorel shipyard in 1903.

The Tug 'Iberville' (steel hull, single)—

Length over all, 90 feet.
Breadth of beam, 18 feet.
Depth of hold, 12 feet.
Average draught, 10 feet.
Built at Sorel shipyard in 1897.

The Tug 'Lac St. Pierre' (wooden hull), twin screw—

Length over all, 100 feet.
Breadth of beam, 21 feet.
Depth of hold, 10 feet.
Average draught, 7·6 feet.
Built at Sorel shipyard in 1901.

The Tug 'Portneuf' (wooden hull, single screw)—

Length over all, 85 feet.
Breadth of beam, 17·3 feet.
Depth of hold, 9·8 feet.
Average draught, 8 feet.
Built at Sorel shipyard, 1905.

The Tug 'Cartier' (wooden hull, single screw)—

Length over all, 84 feet.
Breadth of beam, 18 feet.
Depth of hold, 9·5 feet.
Average draught, 9 feet.
Built at Sorel shipyard, 1893.

The Tug 'Emilia' (wooden hull, single screw)—

Length over all, 84 feet.
Breadth of beam, 17 feet.
Depth of hold, 9 feet.
Average draught, 8 feet.
Built at Sorel shipyard, 1898.

The Tug 'Lanoraie' (wooden hull, single screw)—

Length over all, 84 feet.
Breadth of beam, 17 feet.
Depth of hold, 9 feet.
Average draught, 8 feet.
Built at Sorel shipyard, 1901.

The Tug 'Jessie Hume' (wooden hull, single screw)—

Length over all, 72 feet.
Breadth of beam, 17·2 feet.
Depth of hold, 10 feet.
Average draught, 8·5 feet.
Built at Buffalo, 1878.

The Tug 'Lotbiniere' (wooden hull, twin screw)—

Length over all, 80 feet.
Breadth of beam, 23 feet.
Depth of hold, 8 feet.
Average draught, 7 feet.
Built at Sorel shipyard, 1903.

The Tug 'Carmelia' (wooden hull, single screw)—

Length over all, 84 feet.
Breadth of beam, 17 feet.
Depth of hold, 9 feet.
Average draught, 8 feet.
Purchased in 1903.

The Tug 'Contrecoeur' (wooden hull, twin srrew)—

Length over all, 90 feet.
Breadth of beam, 22·7 feet.
Depth of hold, 9 feet.
Average draught, 7 feet.
Built at Sorel shipyard, 1910.

The Tug 'Varennes' (wooden hull, twin screw)—

Length over all, 96 feet.
Breadth of beam, 22 feet.
Depth of hold, 9 feet.
Average draught, 7 feet.
Built at Sorel shipyard, 1911.

COAL BARGES.

Coal Barge 'No. 1' (wooden hull)—

Length over all, 120 feet.
Breadth of beam, 24 feet.
Depth of hold, 10 feet.
Built in Sorel shipyard, 1898.

Coal Barge 'No. 2' (wooden hull)—

Length over all, 125 feet.
Breadth of beam, 25 feet.
Depth of hold, 11 feet.
Built at Sorel shipyard, 1900.

Coal Barge 'No. 3' (wooden hull)—

Length over all, 98 feet.
Breadth of beam, 28 feet.
Depth of hold, 12 feet.
Built at Sorel shipyard, 1902.

Coal Barge 'No. 4' (wooden hull)—

Length over all, 98 feet.
Breadth of beam, 28 feet.
Depth of hold, 12 feet.
Built at Sorel shipyard, 1903.

Coal Barge 'No. 5' (steel hull)—

Length over all, 127 feet.
Breadth of beam, 32 feet.
Depth of hold, 10 feet.
Built at Sorel shipyard, 1911.

Stone Lifter 'No. 2' (wooden hull)—

Length over all, 80 feet.
Breadth of beam, 25 feet.
Depth of hold, 9·8 feet.
Re-built at Sorel shipyard, 1897.

Stone Lifter 'No. 3' (wooden hull)—

Length over all, 108 feet.
Breadth of beam, 34 feet.
Depth of hold, 14 feet.
Built at Sorel shipyard, 1903.

Stone Lifter 'No. 4' (steel hull), used as a rock-breaker—

Length over all, 100 feet.
Breadth of beam, 32 feet.
Depth of hold, 12 feet.
Weight of ram, 20 tons.
Hoisting winch and ram built by Lobnitz & Co., Renfrew, Scotland.
Hull built at Sorel shipyard, 1910.

Sounding Scow 'No. 1' (wooden hull)—

Length over all, 60 feet.
Breadth of beam, 25 feet.
Depth of hold, 6 feet.
Built at Sorel shipyard, 1898.

Sounding Scow 'No. 2' (wooden hull)—

Length over all, 75 feet.
Breadth of beam, 38 feet.
Depth of hold, 5 feet.
Transferred from Prescott Agency in 1909, re-modelled and improved at Sorel shipyard.

Lodging Scow, (wooden hull)—

Length over all, 60 feet.
Breadth of beam, 18 feet.
Depth of hold, 7 feet.
Built at Sorel shipyard, 1908.

Floating Shop (wooden hull)—

Length over all, 90·3 feet.
Breadth of beam, 25 feet.
Depth of hull, 9 feet.
One forge, 1 scraper, 1 emery wheel, 1 drill, 1 lathe, 1 6 h.p. Foss gasoline engine.
Living quarters for 4.
Built at Sorel shipyard, 1908.

Scow 'No. 28' (winch scow used for fleet in general)—

Length over all, 60 feet.
Breadth of beam, 18 feet.
Depth of hold, 7 feet.
Built at Sorel shipyard, 1908.

Scow 'No. 21' (winch scow used for fleet in general)—

Length over all, 40 feet.
Breadth of beam, 20 feet.
Depth of hold, 6 feet.
Built in Sorel shipyard, 1908.

HOPPER DUMPING SCOWS WITH HYDRAULIC POWER FOR CLOSING GATES.

'No. 1' and 'No. 2' (wooden hulls) with hydraulic power for closing gates—

Length over all, 97 feet.
Breadth of beam, 24·5 feet.
Depth of hold, 9 feet.
Capacity, 200 cubic yards.
Built at Sorel shipyard, 1897.

'No. 3' and 'No. 4' (wooden hulls), with hydraulic power for closing gates—

Length over all, 90 feet.
Breadth of beam, 18 feet.
Depth of hold, 7 feet.
Capacity, 150 cubic yards.
Built at Sorel shipyard, 1898.

'No. 5,' 'No. 6,' 'No. 7,' and 'No. 8' (wooden hulls) with hydraulic power for closing gates—

Length over all, 97 feet.
Breadth of beam, 24 feet.
Depth of hold, 9 feet.
Capacity, 200 cubic yards.
Built at Sorel shipyard, 1899 and 1901.

'No. 9,' 'No. 10,' 'No. 11,' 'No. 12,' and 'No. 13' (wooden hulls), with hydraulic power for closing gates—

Length over all, 98 feet.
Breadth of beam, 24 feet.
Depth of hold, 9·5 feet.
Capacity, 300 cubic yards.
Built at Sorel shipyard, 2 in 1901, and 3 in 1902.

'No. 14' and 'No. 15' (wooden hulls) with hydraulic power for closing gates—

Length over all, 97 feet.
Breadth of beam, 24·5 feet.
Depth of hold, 9 feet.
Capacity, 300 cubic yards.
Built at Sorel shipyard, 1904-5.

'No. 16' and 'No. 17' (wooden hulls) with hydraulic power for closing gates—

Length over all, 93 feet.
Breadth of beam, 24·5 feet.
Depth of hold, 8 feet.
Capacity, 250 cubic yards.
Built at Sorel shipyard, 1909.

'No. 18' and 'No. 19' (wooden hulls) with hydraulic power for closing gates—

Length over all, 93 feet.
Breadth of beam, 24·5 feet.
Depth of hold, 8 feet.
Capacity, 250 cubic yards.
Built at Sorel shipyard, 1911.

DERRICK SCOW.

Used at Sorel shipyard in connection with construction and repairs to Dredging Fleet—

Length over all, 40 feet.
Breadth of beam, 20 feet.
Depth of hold, 5 feet.
Equipped with a derrick of 5 tons lifting capacity.

APPENDIX No. 4.

SOREL SHIPYARD.

Sorel, August 19, 1912.

A. Johnston, Esq.,
Deputy Minister, Marine and Fisheries,
Ottawa.

Sir,—I have the honour to report on the work done at the Sorel shipyard during the fiscal year ending March 31, 1912, as follows:—

Repairs to vessels of ship channel, construction and maintenance of lights, and Public Works Department, during the fiscal year 1911-12.

DEPARTMENT OF MARINE AND FISHERIES.

Dredges Nos. 1, 2, 3, 5 and 6.—Had the ordinary maintenance repairs to machinery and hull.

Dredge No. 4.—Was hauled out on July 13, 1911, for cleaning, scraping hull under water line, and fitting sea cock screen. Her scow was also put on the ways on July 29, for overhauling and caulking.

All the above dredges had their chain of buckets overhauled and pins and bushes renewed.

Dredge No. 7.—This vessel had ordinary repairs to hull and machinery, also to her hull and deck houses. Howden's forced draft system was installed on her boilers. All of her 100 foot discharge pontoons were hauled out and repaired; at least 60 per cent of their inside wearing plates had to be renewed.

Dredge No. 8.—The usual repairs were made to this dredge, also new arrangements for discharging material dredged, consisting in the installation of two main pipes distributing material to three chutes discharging overboard, and also work had to be done in connection with a steam hopper barge which is being built for this dredge.

This new system will fit the dredge to discharge material inside her own hoppers or in a scow.

Dredge No. 9.—This dredge, besides the ordinary repairs to her hull and machinery, &c., had a new 4-inch ash ejector installed on board.

Dredge No. 10.—During the year, repairs were very light on account of the vessel wintering in Montreal. The captain of this vessel reports that this dredge should take her winter quarters in Sorel, as it would be handier and easier to make repairs with the full equipment of the different departments of the shipyard.

Dredge No. 11.—This vessel had ordinary repairs to her hull and machinery.

All the above dredges were put in good working condition and had a coat of paint to hull and deck houses, before starting operations in the spring.

REPAIRS TO TUGS.

Carmelia (tug).—This vessel had ordinary repairs for operating during the season. She was hauled out on May 27, 1911, and had a new propeller installed.

Chambly (tug) Old *'Cartier.'*—Had ordinary repairs to hull and machinery. The hull and deck houses were painted.

Contrecœur (tug).—This tug had very light repairs to her machinery. The deck was caulked and a coat of paint was given to the hull and deck house. She was hauled on the ways on June 14, 1911, to put on a new propeller.

De Levis (steamer).—Unimportant repairs to equipment and machinery were made to this vessel during the summer. She was hauled out on April 1, 1911, to repair stern tube and shaft. During winter, heavy alterations to bottom of boiler were made and the water pan had to be removed.

Emilia (tug).—Ordinary winter and summer repairs were made to this vessel. She had to be hauled out on May 27, 1911, to take up slack of propeller on shaft and renewing *lignum vitae* bush.

Earl Grey (steamer), ice-breaker.—Had her hull painted.

Frontenac (government steamer).—This boat wintered in Quebec and had ordinary repairs made by the Quebec agency. A new steering gear was bought for her by the Sorel shipyard and was installed on board at Quebec.

Iberville (tug).—The machinery and hull had ordinary repairs during the season. The vessel was hauled out in May, 1911, for repairs to her rudder. She was again put on the ways on October 5, 1911 to receive a new blade to her propeller.

During winter her deck houses were lengthened so as to put the galley on main deck and rooms were built underneath to accommodate the night crew and do away with the lodging scow.

James Howden (tug).—Practically, this vessel had no repairs during the summer, as she worked below Quebec with *Dredge No. 8.* She was hauled on the ways on December 15, 1911, to repair her tail shaft, brackets and rudder.

Jessie Hume (tug).—Had maintenance repairs to hull and machinery. The boiler of this vessel being very old, was condemned by the inspector. Repairs had to be made to this boiler pretty often so as to keep the boat running during the construction of a new boiler.

This tug was hauled out on July 11, 1911, to repair her rudder and propeller key.

Lac St. Pierre (tug).—Had ordinary repairs during winter and summer.

Lanoraie (tug).—Maintenance repairs were made during the season on this boat. She was hauled out on May 11, 1911, for a new propeller, and was put again on the ways on June 12, to install a new propeller. The vessel was hauled out on October 17 for repairing her key and key seats of tail shaft and propeller.

Lady Grey (steamer).—Light repairs were made on this vessel at Three Rivers, where she wintered.

Lambton (steamer).—Drawings were prepared for installation of new ash ejector and one set of furnace doors for the boilers of this vessel.

Lotbiniere (tug).—This tug had ordinary repairs made to her hull and machinery. A larger steering gear 6 inch diameter by 6 inch stroke was also placed on board. She was put on the ways on November 20, 1911, to replace bushes of propeller shaft. One new pair of davits was also installed on board for life saving boat.

Portneuf (tug).—Had ordinary repairs to hull and machinery and was painted during the season. She was hauled out in July, 1911 for repairs to propeller. Was put again on the ways on August 24, to receive a new propeller and bush for rudder. The vessel had to be put on the ways on September 22 to have her rudder repaired.

Varennes (tug).—Had ordinary repairs to hull and machinery. She was hauled out on November 17, 1911, to install a new propeller. She was hauled out again on May 13, 1912, for another propeller.

Vercheres (tug).—This vessel received the ordinary repairs to her hull and machinery. One speaking tube and sound tube from the wheel house to the engine room were also installed on board. Repairs had to be made to her steering gear.

COAL BARGES.

Coal Barges Nos. 1, 2, 3 and 4.—General repairs were made on these vessels, also slight repairs to winches and derricks.

Coal Barge No. 5.—Practically there were no repairs made on this vessel during the season.

DUMPING SCOWS.

Dumping Scow No. 1.—This vessel had ordinary repairs to her hull and hydraulic machinery. She was hauled out on May 12, 1911, for caulking to her hull, and repairs to hopper doors.

Dumping Scow No. 2.—Had similar repairs to those on *No. 1.* This vessel was hauled on the ways on July 24, 1911, for repairs to hull and to her chain of hopper doors. On the 29th was put again on the ways for repairs to hull and caulking.

Dumping Scows No. 3, 4 and 5 received light repairs during the season. *No. 5* was hauled on the ways on June 31, 1911, for caulking her hull.

Dumping Scows Nos. 6, 7 and 8 had only general repairs. *No. 8* was put on the ways on November 7, to repair her hull.

These vessels have a very heavy duty to perform night and day, as all dredged material and stones are dumped from a height of about 8 feet into the hoppers of scows and on account of that they have often to be repaired.

Dumping Scow No. 9.—Ordinary repairs were made on this vessel, which had also to be hauled out on July 10, 1911.

Scow No. 10.—Alterations had to be made to this boat so as to turn it over from a dump scow to a flat scow to work in connection with spoon dredge *No. 10* or *11.* Had to be hauled on the ways on August 31 for caulking of her hull. She was put on the ways on November 30 for wintering, so as to take out her machinery which is to be used on another dumping scow.

Scows Nos. 11, 12, 13 and 14.—Ordinary repairs were made to hull and machinery

Scow No. 15.—Had repairs to hydraulic machinery and hull. This vessel was hauled out on July 31, 1911, to repair her hopper doors.

Scow No. 16.—Was put on the ways June 15, 1911, to have her hoppers repaired. She was hauled out again on September 1 for repairs to hull.

Scows Nos. 17, 18 and 19 had ordinary repairs to hull and hydraulic machinery. *No. 17* was hauled on 26th, 1911, for caulking.

Scow No. 22 (derrick).—Had repairs to hoisting machinery and hull.

Scow No. 24 (pontoon anchor scow).—This scow is used in connection with *Dredge No. 7.* The winches and boilers were overhauled and the ordinary repairs made to her hull.

Winch Scows Nos. 27 and 28.—These scows had ordinary repairs.

STONE LIFTERS.

Stone Lifter No. 2.—No repairs were made on this vessel which is to be discarded, being condemned by the inspector.

Stone Lifter No. 3.—This vessel had ordinary repairs to hull and machinery. She was hauled out on May 19, 1911, for repairs to her well and outside planking to lower water line.

Stone Lifter No. 4.—Had ordinary repairs. During winter, the rock cutting machinery installed on board was changed for a stone-lifting winch, this being the purpose for which the boat was built, the stone cutter arrangement being only temporary, as a trial.

FLOATING MACHINE SHOP.

This scow is used in connection with repairs to the different vessels of the dredging fleet while operating during the season.

This scow has no steam, the forge machinery being run by gasoline engine. Light repairs were made to the machinery and engine, and practically nothing to the hull, during the winter, when she had a general overhauling and a coat of paint to hull and deck houses.

REPAIRS TO VESSELS OF THE CONSTRUCTION AND MAINTENANCE OF LIGHTS BRANCH, MARINE AND FISHERIES.

Acetylene (barge).—Had very light repairs to machinery and hull.

Adelard (barge).—Maintenance of Light Department. Was hauled on the ways on August 2, 1911, to have her hull caulked and painted.

Alpha (steamer).—Had light repairs to hull and deck. Was hauled on ways for wintering on November 22, 1911. Before launching, her hull was caulked under the water line.

Hosanna (steamer).—Had ordinary repairs to hull and machinery. She was hauled on the ways on September 19, 1911, to renew the foundation bolts of main engine and repair her rudder.

Maisonneuve (steamer).—Was hauled on the ways for wintering on November 30, 1911. During the winter her hull was caulked below the water line.

Lenore (scow).—Was hauled on December 5 for wintering. Iron sheathing was placed on bow and sides, the hull and deck houses were painted during the winter.

Shamrock (barge), buoy service.—Ordinary repairs were made on this vessel. In connection with this service, buoys, chains and anchors were also repaired.

Repairs to the hull of the *Shamrock* were made during summer, also overhauling of machinery. She had to be hauled out on December 5 to renew her stern. The hull and deck houses were painted and some repairs had to be done to her woodwork.

Davis (barge).—Was put on the ways on April 28, 1911, and had repairs to her hull which was also caulked.

Besides the work performed on these various vessels of the Construction and Maintenance of Lights Department, by the shipyard staff, tools and materials were also supplied to these branches of the Department of Marine and Fisheries.

REPAIRS TO VESSELS OF THE DEPARTMENT OF PUBLIC WORKS—TUGS.

Daisy (tug).—Had light repairs to main engine.

Delisle (tug).—Was hauled on the ways on July 18, 1911, for repairing rudder and shaft.

Fast (launch).—Was hauled out June 17, 1911, for renewing key in propellor shaft, and put again on the ways on August 22.

Mina G (tug).—This vessel was put on the ways, June 13, 1911, to repair her propeller shoe. She was hauled out again on September 20, 1911, for a new propeller Another propeller was installed on board this boat on October 7, 1911.

Montmorency (tug).—Minor repairs were made to this vessel. A new gangway was supplied. Tin sheathing to refrigerator and repairs to rigging.

Ottawa (tug).—This vessel was hauled on the ways, May 20, 1911, to change her high pressure engine for a compound one, the work being done by the department, under the direction of J. W. Weir, the maker. There were also repairs made to the rudder, stern tube and shaft. She had one new deck house and thrust shaft and steam piping installed. The hull and deck houses were painted.

Speedy (steamer).—This steamer had repairs to her dynamo and to the electric bells and her wiring.

DREDGES.

W. S. Fielding (dredge).—Had new wearing plates supplied for her upper tumbler.

St. Louis (dredge).—Minor repairs were made to her machinery and dipper arm.

International (dredge).—Had two steel sheaves supplied for her boom.

NEW CONSTRUCTIONS.

Work was continued on *Construction No. 26* (steel dredge). The hull was completed and the main frame. A frame and bucket ladder frame were installed on board.

Work was begun on engine room and deck houses.

The following machinery was also installed on this dredge: Main hoisting, bow cable and breasting winches. Work on steam pipe was only started at end of fiscal year.

Construction No. 32 (coal barge).—This barge is of steel throughout; will be of 500 tons capacity. During the year the hull was completed and deck houses were erected. Mast and derrick were installed on board, also the hoisting winches.

This vessel was launched early in spring.

Construction No. 33.—This is a steel dumping scow of 200 yards capacity. The wells will be fitted with conical valves worked by hydraulic cylinders.

Work on the hull of this vessel was stopped for a couple of months on account of the pressing work on repairs to vessels of dredging fleet. Since work was started again, the outside plating was completed, the hydraulic cylinders were prepared here, also the valve seats and valves, which only remain to be installed on board.

Constructions No. 34.—Constructions No. 34 are two wooden dumping scows of 250 yards capacity. These vessels were completed and fitted with hydraulic arrangement.

Construction No. 35.—This is a wooden tug 92 ft. long, 22 ft. beam, 6 ft. draft; she was begun in 1910.

The propelling machinery, which was supplied by the St. John Iron Works, was installed on board with all auxiliary machinery, as well as the piping and heating systems. This boat will be completed and put in commission in a month, under the name of *Varennes*.

Construction 36 and 38.—These constructions are two steel tugs 92 ft. long, 22 ft. beam, 6 ft. draft. They were begun at the same time during winter. Work had to be stopped on *No. 36* so as to push the repairs on vessels of dredging fleet. Work was continued on *No. 38*, and this vessel was completed at the opening of navigation.

The engines for these two boats, which are also furnished by the St. John Iron Works, will be exact counterparts of the engines for *Tug No. 35*.

Construction No. 37.—This is a steel dredge 180 ft. long, 40 ft. wide, 14 ft. deep.

The engines to be compound, direct acting, condensing, designed for a working pressure at engines of 120 lbs. per square inch, and to be capable of developing 450 indicated horse-power with an equivalent speed of buckets from 16 to 17 per minute. To have a chain of 50 dredging buckets of 13 cub. ft. capacity each.

The construction of this vessel was begun early in the year, the hull was completed and launched on May 31, 1912. The A frame, main frame and ladder frame are now ready to be assembled, and the castings for machinery are just beginning to be supplied.

Construction No. 39 (sounding scow).—The hull of this steel vessel was completed and deck houses erected. The machinery was prepared here, but work had to be stopped during winter to keep staff on repairs dredging fleet vessels.

Construction No. 40 (Rock cutter No. 1).—The material for the hull and machinery of this vessel was purchased from Lobnitz & Co., England. During winter the hull was mounted and the machinery erected. Main deck houses were built, railings placed, and other superstructures completed. Between deck quarters were prepared for crews. This vessel will be put in commission at the beginning of June.

MAINTENANCE AND IMPROVEMENTS TO BUILDINGS AND PLANT OF THE SHIPYARD.

The whole of the buildings were maintained and repaired, and kept in good order, so were the waterworks system, the narrow gauge railway, compressed air distribution, electric power lines and internal telephone lines.

All the following buildings were painted and kept in good order.

REPAIRS TO SHIPYARD BUILDINGS.

Building No. 2 (new boiler shop).—This building was whitewashed inside and the glass was renewed in the windows. The roof had a new coat of paint.

Buildings No. 3.—Old boiler shop *No. 4,* office *No. 5,* machine shop, and *No. 6,* blacksmith shop, all had light ordinary repairs to woodwork.

Building No. 7 (waste shed).—The roof of this building was painted.

Building No. 8 (stables).—Had repairs to floors and roof painted.

Building No. 9 (carpenter shop), *No. 10* (ice house), *No. 11* (manilla rope shed), *No. 12,* (rivet and bolt shed), *No. 13* (steel wire shed), *No. 14* (oil shed), *No. 15* (storage and fleet). All these buildings had their roofs painted.

Building No. 16 (power house).—Light repairs were made to the cement floor.

Building No. 17 (saw mill).—Had repairs to roof and was painted.

Building No. 18.—Asbestos, paint shop and moulding loft. This building had ordinary repairs and roof painted.

Buildings 19, 20 and 21.—The roofs of these buildings were painted.

Building No. 22 (shed for castings).—Had roof painted, repairs to floor and a fence was made around the building.

Buildings Nos. 23, 24 and 25.—Had roof painted only.

Building No. 26.—Main gate house at the entrance of the shipyard, was built during the season for the watchman.

GENERAL.

New fences were also built around the shipyard, where required.

130-Ton Crane.—The construction of a pier for the installation of 130-ton crane was begun. All the piles being driven in place and a thickness of 2 feet of concrete made over them.

Wharfs.—Wharfs and ways have had the ordinary repairs and been kept in good condition.

All the buildings of the shipyard and all machinery were maintained in a good state of efficiency.

A plan of the river front, opposite the shipyard, shows the position of the several vessels for wintering.

The winter roads were made and kept, both in the yard and on the river, along the fleet wintering on the Richelieu. The ice was cut around the vessels, as needed.

The force employed during the fiscal year varied from 741 in November, 1911, to 987 men in March, 1912, and averaged to 826 daily.

The financial statement shows the total amount expended at the Sorel shipyard and ship channel to have been $1,216,820.03.

I have the honour to be, sir,

Your obedient servant,

W. S. JACKSON,
Superintendent of Shipyard.

SOREL, August 19, 1912.

GOVERNMENT SHIPYARD, SOREL.

STATEMENT of Revenue and Expenditure for the fiscal year 1911-12.

Year.	——	Amount.	Year.	——	Amount.
1912.		$ cts.	1912.		$ cts.
March 31..	To Appropriation for River St. Lawrence ship channel actually expended	749,284 43	March 31..	By operating dredging fleet	$588,697 60
" 31..	Appropriation for improvements to dredging plant:		" 31..	Construction for dredging fleet	30,451 94
	Construction No. 24, 10 cu. yd. dipper dredge $ 42,576 08		" 31..	Improvements to Sorel shipyard	36,157 10
	" No. 26, elevator dredge 86,958 60		" 31..	Stones and materials	11,326 72
	" No. 32, new coal barge No. 5.. 20,418 60				666,633 36
	" No. 33, 300 cu. yd. steel dumping scow 10,913 38		" 31..	Improvements to dredging plant—	
	" No. 34, 200 cu. yd. dumping scows (2) 1,002 15			Construction No. 24, 10 cu. yd. dipper dredge 42,576 08	
	" No. 35, twin screw wooden tug 22,908 75			" No. 26, elevator dredge 86,958 60	
	" No. 36, twin screw steel tug... 16,582 13			" No. 32, new coal barge No. 5. 20,418 60	
	" No. 37, elevator dredge 88,257 54			" No. 33, 300 cu. yd. steel dumping scow 12,608 60	
	" No. 38, twin screw steel tug.... 29,851 36			" No. 34, (2) 200 cu. yd. dumping scows 1,671 87	
	" No. 39, steel testing scow No. 3 8,589 59			" No. 35, twin screw wooden tug 22,908 75	
	" No. 40, rock cutter No. 1 67,722 19			" No. 36, " " " 16,582 13	
	" No. 42, (2) 250 cu. yd. dumping scows 21,191 51			" No. 37, elevator dredge 89,075 91	
	" No. 43, (2) 250 cu. yd. dumping scows 547 97			" No. 38, twin screw steel tug.. 29,851 36	
		417,519 86		" No. 39, steel testing scow No.3 9,750 25	
" 31..	Construction of lights, P.Q.	17,020 98		" No. 40, rock cutter No. 1..... 67,722 19	
" 31..	Maintenance of lights, P.Q.	11,374 79		" No. 42, (2) 250 cu. yd. dumping scows 21,191 51	
" 31..	Signal service	94 77		" No. 43, (2) 250 cu. yd. dumping scows 547 97	
" 31..	Department of Public Works	3,565 90			421,863 82
" 31..	Steamer *Maisonneuve*	1,367 36	" 31..	Hydographic survey, Str. *La Canadienne*	175 67
" 31..	" *Lambton*	164 53	" 31..	Construction of lights, P.Q. (supplies and repairs)	16,269 69
" 31..	" *Bellechasse*	658 27	" 31..	Maintenance of lights, P.Q. " "	11,491 58
" 31..	Dom. Str. *Lady Grey*	6,700 99	" 31..	Signal service	138 33
" 31..	" *Frontenac*	5,257 84	" 31..	Department of Public Works (repairs and supplies to dredges, tugs, &c.)	4,936 83
" 31..	" *Verchères*	1,808 16	" 31..	Steamer *Maisonneuve* (repairs and supplies)	1,367 36
" 31..	" *Earl Grey*	1,049 83	" 31..	" *Lambton* " "	164 53
" 31..	" *Montmagny*	365 59	" 31..	" *Bellechasse*	70,348 49
" 31..	" *Montealm*	66 31	" 31..	Dom. Str. *Lady Grey* (repairs and supplies)	10,604 24
" 31..	South east shoal light ship	440 62	" 31..	" *Frontenac* " "	8,748 28
" 31..	Rich. & Ont. Str. *Murray Bay*	16 96	" 31..	" *Verchères* " "	1,808 82

"	31..	Quebec agency	36 56	"	31..	" *Earl Grey* " "	1,049 83
"	31..	Petty sales	4 60	"	31..	" *Montmagny* " "	365 59
"	31..	Steamer *Hero*	6 50	"	31..	" *Montcalm* " "	66 31
"	31..	" *Charmion*	2 91	"	31..	South east shoal light ship	440 62
"	31..	The Canada Sand Blast Co., Ltd	12 27	"	31..	Rich. & Ont. Str. *Murray Bay*	16 96
				"	31..	Hopper barge	21 00
				"	31..	Nelson river survey	2 83
					31..	Quebec agency	36 56
				"	31..	Steamer *Hero*	6 50
				"	31..	" *Charmion*	2 91
				"	31..	" *Cruiser*	247 65
				"	31..	The Canada Sand Blast Co., Ltd	12 27
			1,216,820 03				1,216,820 03

SOREL SHIPYARD, March 31, 1912.

W. S. JACKSON,

Superintendent of Shipyard

LOUIS LACOUTURE, Accountant.

GOVERNMENT SHIPYARD, SOREL.

STATEMENT of Expenditure on account of River St. Lawrence Ship Channel for the Fiscal Year ending March 31, 1912.

OPERATING EXPENSES OF DREDGING FLEET—RIVER ST. LAWRENCE SHIP CHANNEL.

	Fuel.	Wages.	Board.	Supplies.	Maintenance and Repairs.	Proportion of General Expenditure.	Total for each Vessel.	Grand Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Dredge No. 1	6,866 78	8,430 09	2,935 27	4,726 11	10,444 82	2,226 66	35,629 73	
Tug *Portneuf*	3,154 39	3,879 81	1,468 59	730 91	1,472 04	713 00	11,418 74	
Dredge No. 2	6,925 28	8,209 75	3,007 91	5,052 73	8,904 38	2,139 88	34,239 93	
Tug *Cartier*	2,996 89	4,417 11	1,758 86	686 01	493 25	689 45	11,041 57	
Dredge No. 3	6,133 28	8,525 88	3,127 61	3,355 19	9,241 28	2,025 54	32,408 78	
Tug *Emilia*	2,905 89	3,988 92	1,520 80	764 07	633 25	656 87	10,519 80	
Dredge No. 4	5,615 78	8,447 29	3,164 90	2,467 29	9,177 16	1,924 92	30,797 34	
Tug *Iberville*	3,230 89	4,608 75	1,810 76	922 67	2,575 14	875 67	14,023 88	
Dredge No. 5	8,792 78	8,262 24	3,053 57	3,448 62	9,299 99	2,190 31	35,047 51	
Tug *Lac St. Pierre*	3,860 89	4,377 11	1,721 23	1,219 42	4,416 69	1,038 65	16,633 99	
Dredge No. 6	7,690 27	8,519 04	2,950 65	3,117 12	13,220 25	2,366 14	37,863 47	
Tug *Lanoraie*	2,042 89	3,920 40	1,460 80	629 05	1,299 27	622 87	9,975 28	
Dredge No. 7	23,808 82	13,818 00	4,045 50	7,235 60	23,432 70	4,819 91	77,160 53	
Tug *Lotbinière*	2,299 71	4,760 86	1,841 58	848 07	2,105 82	789 61	12,645 65	
Tug *Carmelia*	1,561 71	2,346 10	785 41	758 32	1,136 31	438 75	7,026 60	
Dredge No. 8	12,361 14	12,115 98	3,559 07	4,210 97	13,494 05	3,048 38	48,789 59	
" 9	11,034 26	10,851 70	3,422 99	2,387 54	13,950 61	2,775 72	44,422 82	
Tug *James Howden*	3,492 97	5,327 34	2,004 24	1,111 58	3,275 64	1,013 10	16,224 87	
Dredge No. 10	3,888 00	6,211 83	1,792 20	3,125 23	6,180 16	1,413 77	22,611 19	
Tug *Contrecoeur*	3,370 50	4,511 57	1,788 63	854 68	1,795 40	820 56	13,141 34	
Dredge No. 11	1,783 29	3,476 39	740 34	1,095 77	7,470 27	970 10	15,536 16	
Tug *Varennes*	895 22	1,513 45	444 19	351 30	629 55	255 33	4,089 04	
Fleet Generally.								
Tug *Jessie Hume*	2,088 00	2,831 35	1,005 99	625 43	1,339 71	525 51	8,415 99	
Str. *De Lévis*	3,327 75	5,841 73	2,422 87	1,464 37	4,453 43	1,166 18	18,676 33	
Stone Lifter, No. 2	135 00	1,272 34	365 40	178 95	585 62	168 99	2,706 30	
" " 3	229 50	1,282 94	362 42	450 00	320 57	176 19	2,821 62	
" " 4	1,872 00	4,299 35	1,807 88	2,071 04	1,652 56	779 41	12,482 24	
Floating machine shop	27 00	936 47	399 13	437 87	400 27	146 57	2,347 31	588,697 60

Construction for Dredging Fleet.								
Tug *Carmelia*, new boiler							434 63	
Tug *Jessie Hume*, new boiler							83 74	
Re Construction of 400 ft. long pontoons							503 88	
Dredge No. 7, new furnaces for boilers							14,379 73	
Dredge No. 8, new discharging pipe arrangement							4,210 57	
Dredge No. 10, night work arrangement							1,637 85	
ock Cutter No. 1, lifting arrangement							780 80	
Coal Barge No. 5, flying rudder							42 50	
1-20 Ton Size Lobnitz Rock cutter machinery							8,325 20	
Estimates for constructions							53 04	30,451 94
Improvements to Ship Yard.								
Boiler shop, new tools and machinery							1,154 34	
Blacksmith shop, new tools and machinery							60 00	
Cabinet shop, new tools and machinery							19 72	
Machine shop, new tools and machinery							3,761 34	
Transmission line							762 73	
Fencing lumber yard							1,836 07	
Water works							245 58	
Power house							870 83	
Alteration to stores							960 32	
Flat bottom boat							102 82	
New sheer legs							24,589 07	
Building No. 26, alteration							1,220 69	
" 27, "							61 13	
" 28, "							45 97	
Ship yard general							466 49	36,157 10
Stores and materials								11,326 72
Total expenditure on account of River St. Lawrence Ship Channel								666,633 36

APPENDIX No. 5.

STATEMENT of Expenditure of the Department for the fiscal year 1911-12.

Service.	Appropriation.	Expenditure.	Balance.	Overdrawn.
	$ cts.	$ cts.	$ cts.	$ cts.
Ocean and River Service—				
Dominion steamers and icebreakers	1,000,000 00	943,030 95	56,969 05	
Examination of masters and mates	11,400 00	7,435 75	3,964 25	
Rewards for saving life, &c	96,000 00	68,754 93	27,245 07	
Investigations into wrecks	15,000 00	14,984 38	15 62	
Schools of navigation	8,000 00	982 62	7,017 38	
Registration of shipping	2,000 00	1,212 23	787 77	
Removal of obstructions in navigable waters	20,000 00	11,722 96	8,277 04	
Winter mail service	7,000 00	6,651 27	348 73	
Cattle inspection	5,000 00	3,734 76	1,265 24	
Subsidy for wrecking plants	30,000 00	30,000 00	.....	
Patrolling northern waters, &c., Str. *Arctic*	59,000 00	40,048 44	18,951 56	
Unforeseen expenses	5,000 00	149 44	4,850 56	
Gratuity to the widow of the late P.B. Toye	200 00	200 00	.....	
	1,258,600 00	1,128,907 73	129,692 27	
Public Works—chargeable to Capital—				
River St. Lawrence ship channel	900,000 00	749,284 43	150,715 57	
Dredging plant, Montreal to Father Point	650,000 00	418,178 13	231,821 87	
Purchase of yard property at Sorel	30,000 00	.....	30,000 00	
	1,580,000 00	1,167,462 56	412,537 44	
Lighthouse and Coast Service—				
Agencies, rents and contingencies	90,000 00	89,558 97	441 03	
Salaries and allowances to lightkeepers	450,000 00	419,644 85	30,355 15	
Maintenance and repairs to lighthouses	650,000 00	596,463 40	53,536 60	
Construction of lighthouses, apparatus, &c	1,000,000 00	762,488 89	237,511 11	
Signal service	12,000 00	11,993 75	6 25	
Administration of pilotage	35,000 00	34,935 73	64 27	
Maintenance and repairs to wharves	5,000 00	4,761 57	238 43	
Breaking ice in Thunder Bay, Lake Superior	40,000 00	23,295 72	16,704 28	
Telephonic reporting stations, Montreal to Quebec	24,000 00	22,296 24	1,703 76	
Repairs to the Maritime roads	1,000 00	866 97	133 03	
Charter of steamers for Lime Kiln Crossing	10,000 00	.....	10,000 00	
Pension to retired pilots	7,800 00	5,889 95	1,910 05	
Telephones in connection with aids to navigation	10,000 00	966 37	9,033 63	
New lighthouse and buoy steamer to replace the *Shamrock*	175,000 00	16,362 30	158,637 70	
New lighthouse and buoy steamer for the Pacific Coast	200,000 00	137,017 65	62,982 35	
Expenses supplying daily bulletin to Lloyd's, London	2,500 00	.....	2,500 00	
Compensation to W. H. Gamble, Ernest Gamble and Sam. Hicks	300 00	300 00	.....	
Services of Jas. McAllister, placing buoys at Fort William	400 00	400 00	.....	
Construction of wharves, buildings, &c., Quebec Agency	300,000 00	.....	300,000 00	
Expenses of Mr. Thos. Harling to London *re* insurance rates for Canadian Shipping	1,000 00	1,000 00	.....	
	3,014,000 00	2,128,242 36	885,757 64	

STATEMENT of Expenditure of the Department for the fiscal year 1911-12.—*Concluded.*

Service.	Appropriation.	Expenditure.	Balance.	Overdrawn.
	$ cts.	$ cts.	$ cts.	$ cts.
Scientific institutions—				
Meteorological service	143,300 00	145,076 52	.....	1,776 52
Magnetic observatory	3,200 00	2,067 54	1,132 46	
Montreal observatory	500 00	500 00	.....	
Kingston observatory	500 00	500 00	.....	
	147,500 00	148,144 06	1,132 46	1,776 52
Marine hospitals—				
Care of sick seamen and repairs to hospitals	70,000 00	54,779 27	15,220 73	
Shipwrecked and distressed seamen	3,000 00	2,236 84	763 16	
	73,000 00	57,016 11	15,983 89	
Steamboat inspection—				
Salaries and expenses of inspectors	54,000 00	45,353 11	8,646 89	
Fisheries—				
Salaries and disbursements of Fishery officers	227,500 00	204,971 21	22,528 79	
Fish breeding establishments	322,300 00	235,699 52	86,600 48	
Fishery patrol service	95,000 00	92,666 65	2,333 35	
Oyster culture	10,000 00	4,544 44	5,455 56	
Cold storage and transportation of fresh fish	60,000 00	57,348 35	2,651 65	
Dog-fish reduction works	60,000 00	35,920 92	24,079 08	
New press and drier for Canso dog-fish works	8,200 00	7,900 00	300 00	
Canadian Fisheries exhibit	16,000 00	5,462 06	10,537 94	
New launches for patrol service in Ontario	30,000 00	603 65	29,396 35	
Building fishways and clearing rivers	10,000 00	3,274 74	6,725 26	
Legal and incidental expenses	4,000 00	1,443 17	2,556 83	
Georgian Bay laboratory	2,000 00	2,017 44	.....	17 44
Marine biological stations	15,000 00	14,980 00	20 00	
Fisheries intelligence bureau	10,000 00	522 29	9,477 71	
Fishery commissions	10,000 00	9,978 38	21 62	
International fishery commission	5,000 00	967 16	4,032 84	
Services of customs officers *re* modus vivendi licenses	900 00	725 85	174 15	
New launch for the Skeena river	4,600 00	4,550 00	50 00	
Five lobster fishery patrol boats	25,000 00	281 45	24,718 55	
	915,500 00	683,857 28	231,660 16	17 44
Civil Government salaries	215,844 50	200,139 36	15,705 14	
Contingencies	36,000 00	35,875 38	124 62	
Fishing bounty	160,000 00	159,999 70	0 30	
Recapitulation—				
Ocean and river service	1,258,600 00	1,128,907 73	129,692 27	
Public works—chargeable to capital	1,580,000 00	1,167,462 56	412,537 44	
Lighthouse and coast service	3,014,000 00	2,128,242 36	885,757 64	
Scientific institutions	147,500 00	148,144 06	.....	644 06
Marine hospitals	73,000 00	57,016 11	15,983 89	
Steamboat inspection	54,000 00	45,353 11	8,646 89	
Fisheries	915,500 00	683,857 28	231,642 72	
Civil Government	215,844 50	200,139 36	15,705 14	
Contingencies	36,000 00	35,875 38	124 62	
	7,294,444 50	5,594,997 95	1,700,090 61	644 06
Fishing bounty	160,000 00	159,999 70	0 30	

APPENDIX No. 6.

STATEMENT of Revenue of Marine and Fisheries Department for fiscal year ended March 31, 1912.

Service.	Amount.	Refunds.	Total
	$ cts.	$ cts.	$ cts.
Piers and Wharfs	24,722 92	709 00	24,013 92
Harbours	747 00	.....	747 00
Dominion Steamers—			
Champlain.			
Freight, $2,431.33; passengers, $7,528.08; meals, $162.10; berths..	10,121 51		
Earl Grey.			
Freight, $7,957.48; passengers, $4,249.00; meals, $155.40; berths,	$1,147.00		
One from Militia Dept., $6.00, accounted for from 1910–11, $1,110.61	14,619 49		
Minto.			
Freight ,$4,958.09; passengers, $2,964.40; meals, $135.40; berths, $680.00.—			
Transportation of Militia Officers, $12.87, accounted for from 1910–11, $967.24.—			
To be accounted for in 1912–13, $1,575	11,293 70	.....	36,034 70
Decayed pilots fund	4,228 39	.....	4,228 39
Steamboat inspection fund	4,140 56	.....	4,140 56
Steamboat engineers fees	1,756 00	.....	1,756 00
Sick mariners fund	60,637 11	179 99	60,457 12
Signal station dues	743 00	2 00	741 00
Marine register fees	52 58	.....	52 58
Fines and forfeitures—Marine	290 00	.....	290 00
Examinations master and mates	3,824 50	21 00	3,803 50
Winter Mail Service	64 98	.....	64 98
Civil service insurance	20 80	.....	20 80
Casual revenue, marine	49,961 55	732 68	49,228 87
" fisheries	8,735 74	.....	8,735 74
Fines and forfeitures—fisheries	12,780 18	.....	12,780 18
Fisheries revenue	82,585 01	140 00	82,445 01
Modus vivendi	13,785 00	.....	13,785 00
Total	305,110 02	1,784 67	303,325 35

FOR the Year ended March 31, 1912, Minor Public Works—Revenue—Wharfs, Piers and Harbours.

Locality.	Wharfinger.	Date of appointment.	Remuneration allowed.	Amount.
Ontario.			p.c.	$ cts.
Blind River	W. H. McGauley	April 14, 1908	50	585 37
Bronte	J. J. Wilson	Oct. 26, 1905	25	26 25
Bruce Mines	W. Fleming	April 15, 1902	50	96 37
Burk's Falls	A. J. Collins	Feb. 8, 1907	25	53 18
Chute à Blondeau	O. Cousineau	May 28, 1909	40	139 21
Cockburn Island	D. J. McLeod	June 29, 1910	50	10 25
Haileybury	R. B. Jessop	May 8, 1908	25	561 06
Kingsville	W. H. Black	Aug. 1, 1902	25	211 22
L'Orignal	E. A. Hall	Mar. 23, 1904	25	168 38
Leamington	J. E. Johnson	May 11, 1906	25	220 65
Midland	John Yates	Oct. 26, 1905	25	434 05
North Bay	Michael LeBoeuf	June 30, 1905	50	78 98
Pelee Island	H. Henderson	Feb. 2, 1907	25	279 7
Pembroke	T. Anderson	April 27, 1906	$200 per annum.	100 00
Richard's Landing	Jas Burnside	Mar. 16, 1612	50	171 62
Rondeau	W. R. Fellows	Dec. 17, 1893	25	40 12
Rosseau	A. Montieth	Aug. 6, 1908	50	130 93
Scudder Dock	Irvin Quick	July 29, 1909	25	132 26
Sheguindah	William Stevens	Nov. 8, 1910	25	107 97
Silver Centre	Harry Pichering	July 17, 1911	25	50 00
Southampton	Henry Harmer	May 24, 1912	25	256 00
South Lancaster	J. D. Perrin	May 6, 1907	25	27 66
Summerstown	Alphonse Bonneville	May 25, 1910	25	10 90
Tenby Bay	Jas. Bolt	Dec. 13, 1909	25	3 87
Thessalon	Jas McAlpine	Sept. 15, 1909	50	173 45
Treadwell	Rowland Hughes	May 24, 1911	50	112 42
Wendover	H. Lacasse	Jan. 14, 1907	50	36 39
Wiarton	W. Gilbert	Nov. 13, 1907	25	158 83
				4,377 12
Montreal District				
Cedars	C. Laboursadiere	May 27, 1907	50	6 25
Coteau du Lac	H. Sauve	Jan. 10, 1908	50	10 00
Coteau Landing	E. de Chantal	Feb. 1, 1909	25	35 63
East Templeton	Albert Laberge	Jan. 24, 1911	25	30 00
Graham	Antoine Bertrand	Feb. 22, 1911	25	58 20
Hudson	Albert Vipond	May 22, 1911	50	61 80
Ile Perrot, North	O. Legault	May 30, 1910	25	46 40
Ile Perrot, South	Richard Daoust		50	13 24
Knowlton's Landing	L. Knowlton	Mar. 23, 1910	25	37 50
Lacolle	R. J. Robinson	Mar. 8, 1894	25	4 39
Longeuil	E. Denincourt	May 15, 1901	25	6 56
Magog	D. Peters	June 15, 1906	50	74 55
Masson	Vacant			40 00
Peel Head Bay	A. N. Ray		25	21 24
Pointe Fortune	Wm. Brown	April 26, 1910	25	77 04
Pointe a Valois	L. Castenguay		50	29 75
Port Lewis	M. Stalker	April 16, 1906	25	17 50
Rigaud	O. Malette		50	50 00
St. Anicet	S. Dupuis	Sept. 14, 1896	25	17 50
Ste. Anne de Bellevue	M. C. Bezner	May 21, 1908	50	207 80
St. Zotique	A. Bissonnette	May 7, 1906	25	23 25
Vaudreuil	J. A. Valois	April 21, 1910	25	76 42
				945 02
Quebec District.				
Anse aux Gascons	S. Chapados	Feb. 16, 1906	25	56 00
Anse à L'Islet	George Molloy	June 28, 1909	25	75 00
Anse St. Jean	F. Lavoie	May 13, 1905	$19 per annum.	54 05
Baie St. Paul	Edward Cunningham (alias Coude)	Oct. 28, 1905	$32 per annum.	133 76
Beauport	Placide Langlois	Oct. 19, 1909	50	18 32
Berthier	J. Blais	Nov. 7, 1905	50	68 67

For the Year ended March 31, 1912, Minor Public Works—Revenue—Wharfs, Piers and Harbours—*Continued.*

Locality.	Wharfinger.	Date of appointment.	Remuneration allowed.	Amount.
Quebec District—Con.			p.c.	$ cts.
Carleton	B. Leclerc	June 13, 1905	50	25 69
Cap. à l'Aigle	A. Dufour	May 11, 1906	$18 per annum.	41 90
Chicoutimi	T. Tremblay	May 23, 1901	$122 per annum.	431 43
Grand River	G. Beaudin	Nov. 16, 1896	25	145 29
Grindstone	John Ballantyne	Dec. 22, 1909	25	492 76
Ile aux Grues	D. Vezina	June 13, 1904	25	0 45
Les Eboulements	Thos. Tremblay	June 23, 1910	$29 per annum.	63 7(
L'Islet	Under lease			25 00
Matane	Alexander Pelletier	Jan. 20, 1912	50	155 93
Murray Bay	J. Gagnon	May 16, 1906	$40 per annum.	462 10
New Carisle	J. Chisholm	April 22, 1902	25	61 45
Paspebiac	J. de Caen	Feb. 22, 1908	50	41 35
Percé	E. Bourget	April 26, 1910	40	178 15
Port Daniel	F. X. Gagnon	Feb. 6, 1907	$50 per annum.	29 08
Rimouski	U. Lavoie	Mar. 27, 1907	50	153 55
Riviere Blanche	A. Quimper	Jan. 20, 1912	50	186 62
Riviere du Loup	L. J. Pinze	Nov. 7, 1905	$146 per annum.	601 54
St. Alphonse de Bagotville	F. Fortier	April 20, 1909	$48 per annum.	155 15
St. Irénée	G. Bouchard	Feb. 10, 1903	25	46 09
St. Jean d'Orleans	Vacant			60 00
St. Jean, Port Joli	Under lease			50 00
St. Laurent	J. Godbout	May 11, 1904	50	30 00
St. Nicholas	Under lease			25 00
St. Simeon	H. Savard	May 7, 1908	25	17 86
St. Thomas de Montmagny	L. Dionne	Oct. 22, 1896	25	70 54
Tadousac	A. Gingras	May 29, 1906	$30 per annum.	125 84
New Brunswick,				4,082 29
Anderson's Hollow	Harris T. Copp	May 30, 1910	25	75 47
Black River	F. McLeod	Sept. 26, 1907	25	18 45
Campbellton	G. E Asker	May 11, 1904	25	1,734 99
Cape Tormentine	M. B. Rielly	June 23, 1905	25	336 65
Caraquet	H. Friolet	Sept. 11, 1906	25	182 87
Dalhousie	W. S. Smith	June 27, 1891	25	432 42
Gardner's Creek	Jas. J. Armstrong	Dec. 22, 1909	25	38 24
Hopewell Cape	Edger B. Wilson	April 10, 1899	25	45 87
Moncton	Jas. Flannaghan	June 16, 1911	25	94 14
Petit Rocher	J. Boudreau	Aug. 7,	25	11 42
St. John	E. C. Elkin	Nov. 18, 1910	25 not to exceed $1,500 in any calendar year	4,768 43
Shippegan	G. J. Henry	May 24, 1911	25	71 45
Tracadie	Louis Breau	Oct. 12, 1910	25	4 99
Two Rivers	W. Wilbur	July 23, 1903	25	3 30
Nova Scotia.				7,818 69
Arisaig	H. R. McAdam			12 00
Avonport	L. F. Fuller		25	9 51
Babin's Cove	Alex. Thomas	Oct. 20, 1897	25	22 50
Barrington	J. H. Christie	Aug. 31, 1896	25	73 32
Bayfield	R. Grant	April 23, 1902	25	28 01
Belliveau Cove	S. C. Theriault	Nov. 24, 1892	25	110 73
Black Point	J. P. Littlewood	Jan. 8, 1904	25	19 46
Brooklyn	J. McLeod	Aug. 3, 1904	25	7 52
Canada Creek	H. Dickey	Aug. 12, 1899	25	7 43
Cape Cove	Benj. Doucette	Feb. 8, 1907	25	4 69
Centreville	A. Ward	May 23, 1897	25	96 92
Church Point	L. Belliveau	Mar. 20, 1907	25	65 06
Clark's Harbour	J. T. Duncan	Jan. 30, 1902	25	108 13
Deep Brook	J. C. W. Ditmars	Dec. 2, 1911	25	11 57
Descousse	Andrew Landry	Dec. 19, 1911	25	64 89

SESSIONAL PAPER No. 21

For the Year ended March 31, 1912, Minor Public Works—Revenue—Wharfs, Piers and Harbours—*Continued.*

Locality.	Wharfinger.	Date of appointment.	Remuneration allowed.	Amount.
Nova Scotia—Con.			p.c.	$ cts.
Digby	W. W. Hayden	April 20, 1897	25	2,675 20
Freeport	J. Fairfield	Mar. 3, 1911	25	41 90
Granville Centre	H. Roney	June 6, 1903	25	72 30
Hall's Harbour	T. A. Neville	Jan. 8, 1897	25	54 00
Hampton	C. Dunn	Dec. 22, 1906	25	23 85
Horton Landing	F. G. Curry	April 30, 1898	25	12 24
Jeddore	Enos Baker	May 22, 1911	50	14 43
Jordon Bay	J. Fredericks	Feb. 20, 1900	25	14 01
Margaretsville	William Early	Jan. 15, 1912	25	99 82
Meteghan Cove	M. Robichaud	Dec. 7, 1909	25	6 44
Meteghan River	A. Melanson	Sept. 26, 1910	25	65 75
Newellton	A. C. Newell	...	...	53 18
Oak Point	Under lease	...	...	233 33
Ogilvie	J. L. Swindle	Mar. 4, 1907	25	5 36
Owl's Head	D. Palmer	Mar. 22, 1910	25	27 31
Phinney's Cove	Alden Bent	Dec. 24, 1907,	25	2 19
Picketts	F. Eaton	Aug... 2, 1899	24	54 16
Plympton	W. K. Smith	Aug. 3, 1890	25	6 42
Port George	O. Douglas	June 26, 1900	25	42 19
Port Hastings	Malcolm McFadyen	May 10, 1911	25	19 28
Port Hawkesbury	F. McInnis	Mar. 20, 1907	25	302 71
Port Latour	C. D. Cook	Aug. 20, 1904	25	20 00
Port Lorne	F. Beardsley	June 22, 1897	25	51 75
Port Morien	D. F. McAuley	Sept. 6, 1910	25	138 46
Port Mouton	Geo. Cook	Dec. 28, 1905	25	0 85
Port Philip	H. C. Johnson	Sept. 3, 1909	25	7 42
Port Wade	J. D. Apt	Sept. 12, 1907	25	44 57
Poulamon	C. N. Pertus	Nov. 18, 1911	25	54 57
Ray's Creek	R. W. Ray	Jan. 2, 1908	25	6 58
Sandford	A. Shaw	May 26, 1903	25	16 43
Saulnierville	J. T. Saulnier	Aug. 25, 1888	25	17 50
Shag Harbour	A. Smith	Oct. 28, 1909	25	17 71
Spencer's Island	H. E. Grant	June 24, 1911	25	20 17
Tiverton	B. Blackford	Oct. 17, 1906	25	49 99
West Arichat	H. H. Sampson	June 21, 1909	25	41 03
West Head	H. N. Newell	Feb. 2, 1910	25	24 61
West Pubnico	C. C. D'Entrement	Mar. 28, 1898	25	18 36
Wolfeville	J. L. Franklyn	...	25	28 57
				5,026 18
Prince Edward Island.				
Annandale	W. C. Jenkins	May 4, 1897	25	66 49
Bay View	J. Harrington	Oct. 2, 1885,	25	6 23
Chapel Point	R. McCormack	Sept. 18, 1885	25	11 14
Charlottetown	T. G. Taylor	Agent of Dept.	...	1,261 71
Crapaud and Victoria	E. McKinnon	July 7, 1897	25	231 92
Georgetown	R. R. Jenkins	Oct. '14, 1892	25	23 62
Hickey's	M. Webster	Oct. 20, 1896	25	21 90
Higgin's Shore	G. G. Henry	...	...	4 20
Keer's Shore	Wm. Hodgson	June 10, 1895	25	165 60
Lambert and Stevens	W. A. Johnstone	May 3, 1900	25	42 52
Mount Stewart	Benjamin Pigott	Jan. 17, 1910	25	32 12
McPherson's Cove	J. L. McPherson	Nov. 6, 1908	25	6 04
Murray Harbour, South	Fireman Reynolds	Nov. 7, 1911	25	3 75
North Cardigan	R. J. Steele	May 1, 1901	25	29 12
Pownall	M. M. Hayley	Oct. 13, 1896	25	29 34
Red Point	Jas. McKenna	April 3, 1900	25	17 83
Sturgeon Pier	N. Randall	Dec. 31, 1908	25	15 68
Tignish	A. J. Gaudet	Aug. 23, 1898	25	19 02
Vernon River	W. Forbes	April 22, 1902	25	91 24
Wood Island	J. Young	April 10, 1899	25	3 81
				2,083 38

For the Year ended March 31, 1912, Minor Public Works—Revenue—Wharfs, Piers and Harbours—*Concluded.*

Locality.	Wharfinger.	Date of appointment.	Remuneration allowed.	Amount.
Manitoba.			p. c.	$ cts.
Selkirk	E. Comber	Dec. 27, 1904..	25	363 28
British Columbia.				
Ladysmith	T. D. Conway	.....	25	2 65
Sydney Harbour	C. C. Cochrane	Nov. 25, 1910..	25	24 41
				27 06

Resumé Wharfage

	$ cts.
Ontario	4,377 12
Montreal District	945 02
Quebec District	4,082 29
New Brunswick	7,818 69
Nova Scotia	5,026 18
Prince Edward Island	2,083 28
Manitoba	363 28
British Columbia	27 06
Grand Total	24,722 92

Harbour Dues.

St. John's, Que., 1911	137 50
St. John's, season 1910	185 00
Sorel	95 00
Louisburg, N. S.	8 00
International Pier	12 00
Comax, B. C.	103 00
Vancouver, B. C.	79 50
Victoria, B. C.	127 00
	747 00

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STATEMENT of Sick Mariners' Dues collected during the fiscal year ended March 31, 1912.

Name of Port.	Amount.	Name of Port.	Amount.
PROVINCE OF ONTARIO.	$ cts.		$ cts.
Kingston	2 16	Halifax	11,214 15
		Kentville	19 07
Total	2 16	Liverpool	126 83
		Lockeport	6 41
PROVINCE OF QUEBEC.		Lunenburg	370 69
		New Glasgow	0 35
Gaspe	84 64	North Sydney	985 00
Montreal	6,153 13	Parrsboro	542 36
Paspebiac	163 86	Pictou	230 64
Percé	107 55	Port Hawkesbury	122 30
Quebec	5,209 88	Port Hood	17 65
Rimouski	106 72	Shelburne	66 84
St. Armand	4 34	Sydney	2,900 16
St. John's	1,333 63	Truro	3 94
Sorel	30 20	Weymouth	141 62
Three Rivers	251 40	Windsor	1,030 97
		Yarmouth	363 71
Total	13,445 35	Total	19,055 26
PROVINCE OF NEW BRUNSWICK.		PROVINCE OF PRINCE EDWARD ISLAND.	
Bathurst	324 75		
Campbellton	510 72	Charlottetown	305 84
Chatham	556 82	Summerside	47 69
Dalhousie	410 70		
Fredericton	33 52	Total	353 53
Moncton	237 60		
Newcastle	254 27		
Sackville	89 07	PROVINCE OF BRITISH COLUMBIA.	
St. Andrews	52 78		
St. John	7,183 35	Nanaimo	5,122 38
St. Stephen	62 09	Prince Rupert	652 24
		Vancouver	2,869 46
Total	9,715 67	Victoria	9,421 06
PROVINCE OF NOVA SCOTIA.		Total	18,065 14
		GRAND TOTALS BY PROVINCES.	
Amherst	204 51		
Annapolis	190 24		
Antigonish	0 70	Ontario	2 16
Arichat	13 99	Quebec	13,445 35
Baddeck	32 85	New Brunswick	9,715 67
Barrington	18 36	Nova Scotia	19,055 26
Bridgewater	268 46	Prince Edward Island	353 53
Canso	83 23	British Columbia	18,065 14
Digby	98 63		
Glace Bay	1 60	Grand Total	60,637 11

STATEMENT of Steamboat Inspection Dues collected for the Fiscal Year ended March 31, 1912.

Name of Port.	Amount.	Name of Port.	Amount.
PROVINCE OF ONTARIO.	$ cts.		$ cts.
St. Thomas	45 68	PROVINCE OF BRITISH COLUMBIA.	
Windsor	138 40	Vancouver	712 64
	184 08	Victoria	319 36
PROVINCE OF QUEBEC.			1,032 00
Montreal	289 44		
Quebec	323 12	Ontario	184 08
	612 56	Quebec	612 56
		Nova Scotia	2,311 92
PROVINCE OF NOVA SCOTIA.		British Columbia	1,032 00
		Total	4,140 56
Halifax	1,814 80		
Kentville	419 12		
North Sydney	78 00	Engineers' Certificates	1,756 00
	2,311 92	Grand total	5,896 56

MARINE REGISTER FEES.

PROVINCE OF ONTARIO.	$ cts.	PROVINCE OF BRITISH COLUMBIA.	$ cts.
Ingersoll	4 00	Victoria	5 00
Ottawa	0 60		
Picton	0 60	Total	5 00
Toronto	2 80		
Total	8 00	PROVINCE OF PRINCE EDWARD ISLAND.	
PROVINCE OF QUEBEC.		Charlottetown	1 20
Montreal	6 80		
Paspebiac	0 88	Total	1 20
Quebec	10 44		
Total	18 12	DISTRICT OF YUKON.	
PROVINCE OF NEW BRUNSWICK.		Dawson	1 00
St. Andrews	5 17	Total	1 00
Total	5 17		
PROVINCE OF NOVA SCOTIA.		TOTALS BY PROVINCES.	
Halifax	7 25		
Liverpool	0 85		
Lunenburg	4 20		
Shelburne	0 24	Ontario	8 00
Yarmouth	0 75	Quebec	18 12
		New Brunswick	5 17
Total	13 29	Nova Scotia	13 29
PROVINCE OF MANITOBA.		Manitoba	0 80
		British Columbia	5 00
		Prince Edward Island	1 20
Winnipeg	0 80	Yukon District	1 00
Total	0 80	Grand Total	52 58

STATEMENT of Receipts from the Lighthouse and Coast Service of Canada for the fiscal year ended March 31, 1912.

Name of Port.	Amount.
	$ cts.
PROVINCE OF NOVA SCOTIA.	
Halifax	743 00
Total	743 00

HARBOUR MASTERS.

TABLE showing the names of ports proclaimed under certain Dominion Acts, the provision of which are found in the Canada Shipping Act, Chapter 113, Revised Statutes of Canada, 1906, for the appointment of harbour masters and date of their appointment, the amount which each of their salaries is not to exceed, the amount of fees collected by each of them during the calender year ended December 31, 1911, and the overplus, if any, paid to the credit of the Receiver General.

PROVINCE OF ONTARIO.

Name of Port.	Harbour Master.	Date of appointment.	Amount collected.	Remuneration allowed.	Amount paid to Cr. R. G.
			$ cts.	$ cts.	$ cts.
Amherstburg	M. Barrett	Dec. 29, 1906	Nil.	200 00	
Bronte	Jas. Wilson	Oct. 26, 1905	Nil.	200 00	
Byng Inlet, North	Chas. E. Begin	Mar. 24, 1908	5 00	200 00	
Collingwood	W. F. Tonor	Dec. 1, 1908	64 00	300 00	
Depot Harbour	Jno. O'Grady	April 18, 1910	10 00	200 00	
Fort William	Jas. McAllister	May 12, 1906	360 50	600 00	
French River	E. Barron		14 50	200 00	
Goderich	Donald McKay	April 21, 1908	77 00	300 00	
Little Current	Jno. T. May	July 19, 1906	Nil.	200 00	
Meaford	S. McClain	July 16, 1902	Nil.	200 00	
Midland	Jno. White	July 13, 1897	77 50	300 00	
Owen Sound	W. T. Robertson	May 29, 1909	92 50	200 00	
Oshawa	Wm. T. Heney	Aug. 10, 1904	Nil.	300 00	
Parry Sound	Basil Taylor	April 27, 1909	9 00	200 00	
Penetanguishene	Peter Light	May 7, 1906	17 00	200 00	
Port Arthur	B. Guirard	May 21, 1897	202 50	300 00	
Port McNichol	Thos. Nottingham	May 1, 1911	10 00	200 00	
Port Stanley	E. E. Shepherd	Jan. 15, 1898	Nil.	200 00	
Rondeau	W. R. Fellows	Dec. 17, 1888	12 50	100 00	
Southampton	W. H. Johnston	Oct. — 1882	25 50	100 00	
Sarnia	Rolit McAdam	May 3, 1886	Nil.	300 00	
Trenton	Robt. Cummings	Mar. 21, 1911	45 50	200 00	

PROVINCE OF QUEBEC.

Amherst, M.I.	Jno. Cassidy	Sept. 2, 1878	6 00	200 00	
Anse aux Gascons	J. Mouront	June 28, 1905	Nil.	100 00	
Bersimis	T. Thibault	Dec. 13, 1905	Nil.	200 00	
Bic	T. Bellavance	April 25, 1912	Nil.	200 00	
Bonaventure	A. Bourque	June 5, 1905	5 50	100 00	
Carleton	B. Leclerc	May 15, 1905	Nil.	200 00	

TABLE showing the names of ports proclaimed under certain Dominion Acts—*Con.*

PROVINCE OF QUEBEC—*Continued.*

Name of Port.	Harbour Master.	Date of appointment.	Amount collected.	Remuneration allowed.	Amount paid to Cr. R. G.
			$ cts.	$ cts.	$ cts.
Cape Cove	J. Scott	July 15, 1908	Nil.	200 00	
Caplin	T. Bourdages	Mar. 20, 1907	Nil.	100 00	
Chicoutimi	A. Sturton	June 8, 1886	Nil.	200 00	
Escoumains	C. J. Belanger, Jr.	Oct. 27, 1906	Nil.	200 00	
Grand Entry	Andre Cyr	July 10, 1907	5 00	200 00	
Grand River	C. Brandin	April 8, 1900	11 00	100 00	
Gaspé	F. G. Eden	April 3, 1889	Nil.	500 00	
House Harbour	G. Lafrance	Dec. 16, 1896	27 00	200 00	
Maria	Arthur Cyr	Mar. 29, 1905	Nil.	100 00	
Matane	L. J. Lavasseur	Dec. 12, 1896	55 00	200 00	
Malbaie	Patria Lawrence	.....	17 00	200 00	
Metis	J. W. Ferguson	May 10, 1906	Nil.	200 00	
New Carlisle	J. Chisholme	April 22, 1902	1 00	200 00	
New Richmond	F. X. Cormier	April 15, 1902	38 00	200 00	
Nouvelle	J. Cassey	Jan. 3, 1903	Nil.	200 00	
Oak Bay	T. Harper	July 12, 1904	35 00	200 00	
Paspebiac	W. L. Kempffer	Sept. 21, 1900	31 00	150 00	
Percé	E. Donahue	Oct. 10, 1903	10 00	100 00	
Port Daniel	B. Langlois	Feb. 26, 1907	8 80	200 00	
Rimouski	A. P. S. Laurent	May 21, 1896	92 50	200 00	
Riviere du Loup	F. E. Gilbert	Oct. 5, 1902	55 00	100 00	
St. Godfrey	Jacques Grenier	June 5, 1905	5 00	100 00	
Montmagny	Louis Dionne	Oct. 22, 1896	40 00	200 00	
St. Johns, 1912	G. H. Farrar	Mar. 20, 1897	737 50	600 00	137 50
St. Johns, 1911	G. H. Farrar	Mar. 20, 1897	785 00	600 00	185 00
Sault au Mouton	C. E. Nolet	April 11, 1907	Nil.	200 00	
Sorel	J. A. Proulx	June 6, 1901	595 00	500 00	95 00
Trois Pistoles	E. T. Petitgrew	April 11, 1899	Nil.	100 00	
Tadousac	A. Gingras	June 6, 1906	Nil.	200 00	
Grand Manan	A. H. Cheney	.....	6 00	.....	

PROVINCE OF NEW BRUNSWICK.

Alma	G. W. Parson	Mar. 2, 1898	27 00	100 00	
Back Bay	Harry W. Harrer	.....	Nil.		
Baie Verte	Chas. Trenholme	.....	5 00		
Bathurst	Capt. M. Daley	April 15, 1907	65 50	200 00	
Black's and Beaver Harbour	E. W. Cross	Sept. 17, 1883	Nil.	100 00	
Buctouche	H. Hutchison	April 17, 1897	Nil.	100 00	
Campbellton	G. E. Asker	.....	114 00	200 00	
Campobello	G. W. Sank	May 12, 1910	11 00	100 00	
Cape Bald	Jas. L. Cormier	Aug. 19, 1911	Nil.	200 00	
Cape Tormentine	M. S. Treene	May 13, 1901	23 00	200 00	
Caraquet	J. A. Albert	Nov. 7, 1905	25 50	150 00	
Chatham	R. J. Walls	July 13, 1898	171 50	300 00	
Cocagne	Jean Thomas Bourque	June 23, 1905	0 50	100 00	
Dalhousie	W. S. Smith	Mar. 19, 1888	120 50	200 00	
Dorchester	Jas. Shea	Oct. 25, 1900	52 00	200 00	
Fairhaven	A. Calder	July 30, 1901	4 00	200 00	
Grand Harbour	Turner Ingalls	April 19, 1907	7 50	100 00	
Gull Rock Channel	Geo. A. Johnson	April 27, 1904	Nil.	100 00	
Harvey	Wm. Wood	June 9, 1903	39 00	100 00	
Heron Channel	Duncan Robertson	July 5, 1897	22 00	200 00	
Hillsborough	Jno. O. Shaughnessy	April 13, 1898	25 50	150 00	
Hopewell Cape	J. H. Christopher	April 13, 1898	2 00	200 00	
Ledge of St. Stephens	Wm. McBean	June 12, 1894	Nil.	100 00	
Tetete	H. W. Harris	Feb. 16, 1906	Nil.	100 00	
Little Shippegan	Jos. Beaudoin	Oct. 27, 1906	Nil.	100 00	
Moncton	Benj. Toombs	April 12, 1905	13 50	200 00	
Musquash	J. McNulty	Sept. 28, 1896	6 00	100 00	
Newcastle	Jno. Russell	June 27, 1904	65 50	300 00	
North Head	J. E. Gaskill	Mar. 29, 1907	7 00	100 00	
Port Elgin and Baie Verte	C. Trenholme	April 30, 1907	Nil.	200 00	

TABLE showing the names of ports proclaimed under certain Dominion Acts.—*Con.*

PROVINCE OF NEW BRUNSWICK—*Continued.*

Name of Port.	Harbour Master.	Date of appointment.	Amount collected.	Remuneration allowed.	Amount paid to Cr. R. G.
			$ cts.	$ cts.	$ cts.
Pokemouche	M. Landry		Nil.	100 00	
Richibucto	Jas. A. Jardine	May 11, 1874	23 50	200 00	
Sackville	Eliah Chase	May 11, 1904	17 00	200 00	
Seal Cove	J. W. Wooster	April 19, 1907	10 00	100 00	
St. Andrews	Capt. R. Keay	Feb. 16, 1909	14 50	100 00	
St. George	G. W. McKenzie	May 10, 1900	16 00	100 00	
St. Stephen	Capt. Andrew McWha		Nil.		
St. Martin and Quaco	J. R. McDonough	July 16, 1902	72 00	100 00	
Shediac	Capt. Jno. Newman	Dec. 31, 1909	22 00	300 00	
Shippigan	J. Degrose	April 14, 1903	16 00	100 00	
Tracadie	T. Savoy	Sept. 23, 1899	8 50	100 00	
Waterside	H. T. Copp	Feb. 22, 1911	8 00	100 00	
West Isles	B. Simpson	May 27, 1901	Nil.	200 00	
Whitehead	A. Cheney	April 19, 1907	5 00	100 00	

PROVINCE OF NOVA SCOTIA.

Abbots Harbour	F. D. Etrement	May 23, 1901	Nil.	200 00	
Advocate Harbour	H. L. Barnes	April 20, 1910	13 50	100 00	
Amherst	Frank A. Cotes	April 3, 1907	4 50	300 00	
Annapolis	Jno. Lindgren	July 7, 1898	64 00	200 00	
Apple River	Benj. Atkinson	Feb. 1, 1909	Nil.	200 00	
Arichat	Jno. Langlois	May 22, 1909	23 00	200 00	
Baddeck	Peter L. McFarlane	Nov. 6, 1909	Nil.	100 00	
Barrington	B. Kenny	July 6, 1893	20 50	200 00	
Bayfield	David Sutton	May 22, 1910	1 50	200 00	
Bay St. Lawrence	J. W. Fitzgerald	Dec. 22, 1910	Nil.	200 00	
Bear River	Wm. McFadden	Sept. 27, 1897	27 50	100 00	
Beaver Harbour	H. Hawbott	Sept. 22, 1888	6 00	100 00	
Big Harbour	Don. G. McKenzie	April 18, 1908	Nil.	100 00	
Bridgewater	W. Oakes	Jan. 28, 1896	97 50	100 00	
Big Bras d'Or	Jno. A. Bain	Feb. 7, 1910	Nil.	200 00	
Big Pond	Michael A. McIsaac	Mar. 8, 1906	Nil.	200 00	
Cape Canso	Geo. Oliver	Feb. 14, 1905	91 50	150 00	
Cape Negro	A. D. Perry		5 00	200 00	
Chester	A. G. Corkum	July 8, 1896	13 00	100 00	
Cheticamp	F. Ancoin	April 15, 1896	3 00	100 00	
Clark's Harbour	J. G. Nickerson		66 00	200 00	
Clementsport	J. McCain	Oct. 18, 1898	13 00	150 00	
Descouse	M. Martell	April 22, 1902	5 50	100 00	
Digby	K. Anderson	June 19, 1902	43 00	200 00	
East Bay	Donald McInnis	April 5, 1886	Nil.	100 00	
Fourchie	Enox Conn	May 25, 1910	Nil.	100 00	
Freeport	Leonard Ring	Mar. 20, 1909	16 50		
Gabarouse	Capt. G. Harris	Feb. 22, 1911	Nil.	100 00	
Glasgow and Cape Breton Pier	A. McQuarrie	Oct. 30, 1880	33 00	300 00	
Guysboro	A. M. Peart	Feb. 11, 1902	7 50	100 00	
Halifax	F. G. Rudolf	May 13, 1910	Nil.	1,800 00	
Hantsport	Wm. McCulloch	Jan. 17, 1892	Nil.	300 00	
Ingonish, North Bay	Angus McLean	Apr. 21, 1910	7 50	200 00	
Ingonish, South Bay	Jas. Doucette	Apr. 30, 1901	14 00	100 00	
Ingram River	Eugene Huntly	Jan. 19, 1907	39 00	100 00	
International Pier, Sydney	M. J. Neville	Oct. 30, 1880	312 00	300 00	12 00
Isaac's Harbour	T. D. Cook	June 19, 1900	20 50	100 00	
Jeddore	E. Baker	Dec. 3, 1903	15 50	100 00	
Jordan Bay	F. Thorburn	May 11, 1901	7 00	150 00	
Kelly Cove	Judah Kenny	Apr. 6, 1908	Nil.	100 00	
La Have	G. H. Zwicker	Feb. 25, 1875	35 00	300 00	
L'Ardoise	Geo. Burke	Aug. 29, 1884	3 00	100 00	
Liscomb	L. Wilson	Feb. 20, 1900	14 00	200 00	
Gillis Point East	D. J. Campbell	Apr. 17, 1899	Nil.	100 00	
Little Bras d'Or Lake	W. McLean	Sept. 23, 1907	Nil.	100 00	
Little Bras d'Or Harbour	J. Leblanc	Oct. 9, 1909	Nil.	200 00	

TABLE showing the names of ports proclaimed under certain Dominion Acts—*Con.*

PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Port.	Harbour Master.	Date of appointment.	Amount collected.	Remuneration allowed.	Amount paid to Cr. R.I.G.
			$ cts.	$ cts.	$ cts.
Little Glace Bay	E. Douglas Rigby	May 8, 1884	12 50	200 00	
Little Narrows	K. McLennan	Nov. 1, 1897	Nil.	100 00	
Liverpool	Capt. Jas. Ryan	Dec. 22, 1906	Nil.	200 00	
Lockeport	Geo. J. Locke	Apr. 2, 1906	Nil.	100 00	
Louisburg	Jno. Townsend	May 11, 1899	358 00	150 00	8 00
Louisburg	H. E. V. Levatte	Oct. 13, 1898	.....	200 00	
Lunenburg	J. Heckman	Oct. 1, 1909	180 50	200 00	
Mabou	J. McInnis	July 11, 1900	3 00	100 00	
Mahone Bay	Aaron Hyson	Feb. 18, 1908	39 00	200 00	
McNair's Cove	R. McEachern	Mar. 8, 1875	Nil.	150 00	
McKinnon's Harbour	D. J. McNeil	Oct. 9, 1909	5 00	200 00	
Marble Mountain	D. McDonald	July 26, 1892	11 00	200 00	
Margaretsville	Capt. Jno. McGranaghan	May 29, 1906	3 00	100 00	
St. Margaret's Bay	H. C. Garrison	Dec. 14, 1901	5 50	100 00	
Margaree	F. P. Chiasson	Mar. 6, 1909	.....	100 00	
Marie Joseph	Chas. Dipon	Feb. 2, 1907	0 50	100 00	
Merigonish	F. B. Olding	Mar. 11, 1910	Nil.	200 00	
Meteghan Harbour	Capt. Jno. McLair	Nov. 17, 1906	11 50	100 00	
Meteghan River	Luke A. Comeau	June 1, 1897	.....	100 00	
Musquodoboit	Thos. Williams	May 31, 1905	6 50	100 00	
New Haven	Victor A. McLeod	Aug. 17, 1889	.....	100 00	
Neil Harbour	R. Payne	July 15, 1905	2 00	100 00	
Noel	Sydney O'Brien	Oct. 26, 1905	13 50	200 00	
Northport	J. Davis	Dec. 21, 1902	5 50	100 00	
North West Cove	P. Bouthier	June 30, 1902	0 50	200 00	
Parrsboro	R. Smith	Apr. 30, 1892	102 00	300 00	
Petit de Grat	S. Boudrot	June 5, 1895	8 00	200 00	
Pictou	Hbr. Commissioners	.....	.....	300 00	
Petite River Bridge	J. Nelson Parks	Apr. 27, 1888	2 00	100 00	
Port George	Vacant	.....	.....	.....	
Port Greville	D. Graham	Apr. 27, 1909	39 50	200 00	
Port Hawkesbury	J. Lamey	June 2, 1909	113 50	200 00	
Port Hastings	Geo. L. McLean	Feb. 15, 1908	102 00	200 00	
Port Hood	J. H. Murphy	July 9, 1875	3 00	200 00	
Port La Tour	Wm. Sholds	Feb. 18, 1898	10 50	200 00	
Port Lorne	F. Beardsley	June 9, 1907	Nil.	200 00	
Port Maitland	J. Ellis	Dec. 10, 1896	.....	200 00	
Port Morien	H. McDonald	Mar. 3, 1879	8 00	400 00	
Port Mulgrave	J. A. McDonald	June 29, 1908	Nil.	200 00	
Port Medway	J. Hopkins	Feb. 13, 1903	12 00	200 00	
Port Wade	Capt. J. M. McWhinnie	Oct. 14, 1907	22 00	200 00	
Pubnico	D. L. Annrean	Sept. 27, 1882	41 50	100 00	
Pugwash	Gilbert M. Allen	May 15, 1901	20 00	100 00	
River Port	F. J. K. Kreaser	Jan. 8, 1901	34 50	100 00	
River Bourgeois	E. C. Boushie	Apr. 9, 1886	3 00	100 00	
River Hebert	W. Y. Theal	July 24, 1905	32 50	100 00	
River John	H. Campbell	July 1, 1891	Nil.	100 00	
St. Ann's Bay	Geo. E. Fader	Sept. 21, 1906	33 50	200 00	
St. Mary's River	Robt. Quinn	July 25, 1909	2 50	200 00	
St. Peter's Harbour	P. McNeil	Sept. 17, 1883	93 50	200 00	
St. Ann's Harbour	Alex. McLeod	Apr. 16, 1909	.....	200 00	
Sambro	B. Smith	May 27, 1890	.....	200 00	
Sheet Harbour	Henry Hall	Apr. 11, 1898	.....	200 00	
Shelbourne	J. C. Morrison	May 4, 1897	108 00	200 00	
Ship Harbour	H. Siteman	June 2, 1884	3 00	100 00	
Spencer's island	B. McLellan	May 22, 1899	9 00	100 00	
Tangier	C. A. Hitchey	Nov. 14, 1901	2 50	200 00	
Tenecape	David Tingard	Oct. 26, 1905	.....	200 00	
Tatamagouche	Wm. Reilly	June 1, 1900	0 50	200 00	
Tidnish	R. B. Davidson	Feb. 19, 1910	.....	100 00	
Tiverton	J. Blackford	Apr. 3, 1900	5 00	100 00	
Torbay	I. Fougere	Aug. 25, 1903	6 50	200 00	
Tusket	Cyrille Doucet	Nov. 21, 1902	.....	100 00	
Tusket Wedge	Capt. H. A. LeBlanc	Mar. 3, 1911	43 50	100 00	
Victoria Pier' South Bar	Ernest Richardson	Nov. 1, 1897	.....	200 00	
Wallace	J. D. Patton	Feb. 14, 1896	3 00	100 00	
West Arichat	Capt. L. Forest	May 25, 1910	.....	100 00	

SESSIONAL PAPER No. 21

TABLE showing the names of ports proclaimed under certain Dominion Acts.—*Con.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

Name of Port.	Harbour Master.	Date of appointment.	Amount collected.	Remuneration allowed.	Amount paid to Cr. R. G.
			$ cts.	$ cts.	$ cts.
Walton	Benj. McCulloch	Oct. 25, 1905		200 00	
West Bay	Hector McInnis	May 26, 1906		100 00	
West Port	Geo. Welch	Jan. 29, 1898	44 50	200 00	
Weymouth	S. McCormack		47 00		
White Head	Levi Munroe	Feb. 8, 1909	32 00	200 00	
Whycocomagh	N. Matheson	July 6, 1909		100 00	
Wolfville	J. L. Franklin		5 75	100 00	
Wood Harbour	J. Arechia	Feb. 19, 1892	28 50	200 00	
Yarmouth	Capt. G. L. Wetman	Jan. 24, 1911	209 00	250 00	
Windsor	Wm. McCulloch		203 00	300 00	
Washabuck	Vincent McLean		Nil.		

PROVINCE OF PRINCE EDWARD ISLAND.

Alberton	Jno. Kinch	July 30, 1901	3 00	200 00	
Bay Fortune	G. A. Coffin	Aug. 29, 1875		200 00	
Brudenell	J. A. Gordon	Oct. 26, 1905		200 00	
Cardigan River	F. Gallant	Apr. 27, 1908		100 00	
Cove Head	M. Kielly	Apr. 23, 1904		100 00	
Charlottetown and Hillsboro	J. White	May 6, 1909	146 00	400 00	
Crapaud	W. Myers	June 17, 1874	5 00	200 00	
Egmont Bay	Geo. Henry	Dec. 5, 1906	1 00	200 00	
Georgetown	Jno. Westawa		15 50	200 00	
Malpeque	J. Champion	Dec. 10, 1896	2 00	200 00	
Miminegash	P. Doucette	Jan. 21, 1908		100 00	
Montague Bridge	Hugh McPherson	May 5, 1904	4 50	200 00	
Murray Harbour	Geo. McLeod	Jan. 19, 1907	7 50	200 00	
Murray River	Geo. McLeod	Feb. 9, 1907	3 00	200 00	
New London	H. McLeod	July 6, 1910	3 00	200 00	
Pinette	J. D. McDonald	Oct. 22, 1903	1 00	100 00	
Port Hill	W. C. Brown	June 20, 1898		200 00	
Pownall	M. Haley	Mar. 30, 1897		100 00	
Rustico	Jerome Gallant	July 27, 1912		200 00	
St. Peter's Bay	Geo. Barry	May 3, 1901		200 00	
Souris E. & W	J. Tierney	May 15, 1905	25 50	200 00	
Summerside	J. Matheson	Feb. 8, 1907	31 50	200 00	
Tracadie (Grand)	Jas. McAuley	Apr. 18, 1910		200 00	
Vernon River Bridge	J. Finlay	Oct. 9, 1884	Nil.	200 00	
Wood Island	Jas. Young	May 22, 1899	Nil.	100 00	

PROVINCE OF BRITISH COLUMBIA.

Chemainus	Lewis G. Hill		10 00	200 00	
Comox	G. H. Rowe		303 00	200 00	103 00
Ladysmith	W. Fraser	Mar. 29, 1906		200 00	
Nanaimo and Departure bay	J. Knarston	Oct. 26, 1905	485 00	500 00	
New Westminster	W. B. Shiles	Feb. 15, 1908	174 00	400 00	
Snug Harbour	G. C. Tunstall, Jr	Apr. 18, 1910	8 00	200 00	
Vancouver	Capt. D. A. McInnis	June 22, 1909	679 50	600 00	79 50
Victoria and Esquimalt	C. E. Clarke	Nov. 3, 1894	727 00	600 00	127 00
Prince Rupert	T. H. Alcock		211 50		

TABLE showing the names of ports proclaimed under certain Dominion Acts—*Con.*

RECAPITULATION.

Province.	Number of Harbours.	Amount Collected.	Amount paid to Rec. Gen.
		$ cts.	$ cts.
Ontario	22	1,023 00	
Quebec	35	2,566 30	417 50
New Brunswick	44	1,020 00	
Nova Scotia	123	3,194 25	20 00
Prince Edward Island	25	248 50	
British Columbia	9	2,596 00	309 50
	258	10,648 05	747 00

APPENDIX No. 7.

STATEMENT OF EXPENDITURE OF MARINE BRANCH FROM CONFEDERATION TO MARCH 31, 1912.

1868	$ 371,070 56
1869	360,899 90
1870	367,189 11
1871	389,537 12
1872	518,958 49
1873	706,817 92
1874	845,150 90
1875	844,586 09
1876	970,146 27
1877	820,054 38
1878	786,156 23
1879	755,359 47
1880	723,390 89
1881	761,730 62
1882	774,831 53
1883	825,010 82
1884	927,241 61
1885	1,129,901 14
1886	980,120 59
1887	917,557 31
1888	883,250 85
1889	1,023,801 34
1890	807,417 53
1891	885,410 11
1892	861,426 80
1893	898,720 03
1894	905,654 34
1895	895,828 28
1896	793,634 49
1897	867,772 90
1898	856,192 50
1899	1,102,601 90
1900	982,561 97
1901	1,029,925 32
1902	1,501,618 88
1903	1,671,494 77
1904	2,150,940 31
1905	4,747,722 81
1906	5,066,252 66
1907	3,637,599 82
1908	5,374,774 18
1909	4,692,806 85
1910	4,197,420 24
1911-12	4,911,140 67

APPENDIX No. 8.

METEOROLOGICAL OFFICE.

TORONTO, May , 1912.

SIR,—I have the honour to submit the forty-first annual report of the Meteorological Service, this report being for the fiscal year ended March 31, 1912, with appendices *A* and *B*, reports of the observatories at St. John, N.B. and Quebec.

The number of persons in receipt of pay from the Meteorological Service for various duties in connection therewith has been 280. Of this number 30 were employed in the central office; 41 were paid salaries as observers at telegraph reporting stations and 100 as agents for the display of storm signals, while 109 received some small remuneration for observations taken with regularity at points in outlying districts.

The following observing stations have been opened since my last report:

BRITISH COLUMBIA.

Class II & S	Salmon Arm, Experimental Farm	T. A. Sharpe.
Class II	Greenwood	J. S. Birney.
" II	Crawford Bay	W. J. Kidman.
" III	Shawinigan Lake	H. T. Ravenhill.
" III	Akamina	Royal Canadian Oil Co.
" III	Armstrong	L. W. Patten.

ALBERTA.

Class II	Sundial	J. B. Evans.
" II	Delia	W. Miller.
" II	Redlow	P. Flint.
" III	Pekisko	Duncan Cameron.
" III	Dunstable	A. D. Gilmer.
" III	Priddis	H. B. Gray.
" III	Nateby	L. M. Forster.

SASKATCHEWAN.

Class II	Cumberland House	R. Hooker.
" II & S	Scott—Experimental Farm	R. E. Everest.
" II	Quill Lake	T. W. Lytle.
" II	Lost River	H. C. Guiney.
" II	Yellow Grass	John Morrison.
" II	Pilger	P. Mutter.
" II	Imperial	J. G. Hobman.
" II	Chagoness	J. C. Macleod.
" II	Fort Qu'Appelle	R. H. Carter.
" III	Meadow River	Pete Evans.

MANITOBA.

Class II	Ninette	A. W. Stewart, M.D.

ONTARIO.

Class II	Providence Bay	W. P. Guy.
" II	Matheson	J. G. Davie.
" II	Scarboro Junction	David Martin.
" II	Almonte	O. E. Henderson.
" II	Goderich	H. Keith Revell
" III	Fort Frances	
" III	Wattenwyl	Wm. F. Epple.

QUEBEC.

Class II & S	Cap Rouge—Experimental Station	G. A. Langelier.
" II	La Tuque	E. Tremblay.
" II	Mistassini	Friar M. Paul, P.C.R.
" II	White Shore Lake	Dr. Thos. A. Willis.
" III	Perkins Mills	J. A. Fauteux.
" III	Kepawa	A. T. O'Neil.
" I	Harrington	Miss Maud Cox.

NOVA SCOTIA.

Class II	Kentville	W. S. Hiltz.
" III	Gaspereaux Lake	G. Lane.
" III	White Rock	Chas. O'Leary.
" III	Rapid Falls Mill	E. S. Miles.
" III	Indian Garden	W. G. Yorkston.
" III	Kedgemakoogie Lake	L. D. Mitchell.
" III	Mushamush River	T. G. Nicol.
" III	Big Mushamush Lake	T. G. Nicol.
" III	New Germany	

There are now in the Dominion 518 meteorological stations, including all classes, and at the majority of these the observing is performed voluntarily by men who are interested in the subject of weather and weather changes. They are doing valuable work in the interests of the country and their untiring zeal is duly appreciated by the Meteorological Service.

The matters of chiefest interest in the central office during the past year have been a marked development of the synchronous weather chart, and the completion of the establishment of a physics laboratory for the pursuance of research in atmospheric physics.

The reports of observations used in the preparation of the daily weather chart are now supplemented by numerous reports from Europe and Asia, together with reports from Iceland, the Faroe Islands, the Shetland Islands, the Azores, and various places in the West Indies, also from Honolulu and Manila, and from stations in Alaska and the Aleutian islands. The eastern hemisphere observations are taken at 7 o'clock, Greenwich mean time, or six hours earlier than those in America, but with the broad gap of the Atlantic lying between Europe and America this is seemingly of no importance, as due allowance can be made for changes occurring in the interval.

This new field of observation promises to yield a harvest of information and usefulness, such as was unrecognized until the scheme became an accomplished fact. With a knowledge of the meteorological conditions prevailing north of the British Isles and in Iceland, and also with a knowledge of the conditions in Alaska, it is found possible to deduce with surprising accuracy the conditions prevailing in the far northern portions of the Dominion, whence comes the cold waves which in winter with varying frequency spread over the continent.

The work of the physics branch proceeds satisfactorily. In connection with the exploration of the upper atmosphere, balloons carrying the Dines Meteorograph have been despatched and of these 12 have been returned to the central office with good results. The heights reached varied between 6·3 and 12·6 miles, and the isothermal layer was found at heights varying between 5·8 and 9·9 miles, and with temperatures between 71° and 94° Fahrenheit.

The following table gives the chief data obtained in the various ascents.

BALLOON ASCENTS DURING 1911.

Date.	Starting Point.	A Miles.	B F	C Miles.	D F	E Miles.	F Direction.
Feb. 3	Toronto	6·2	−90·4	7·0	−82·3	83·9	E.N.E.
June 6	Toronto	8·1	−81·4	8·6	−81·4	55·0	S.E.
June 7	Toronto	7·5	−74·2	8·5	−72·4	41·0	S. 17 E.
June 8	Toronto	8·1	−87·9	8·5	−88·6	50·0	S. 24 E.
July 5	Woodstock	9·3	−94·0	10·6	−80·5	44·0	N.E.
Aug. 2	Woodstock	8·4	−86·8	10·6	−79·6	58·0	N.E.
Sept. 7	Woodstock	.....	.....	6·3	−38·2	90·7	S. 80 E.
Sept. 9	Woodstock	8·8	−79·6	12·6	−74·2	115·0	S. 80 E.
Nov. 6	Woodstock	9·9	−77·8	11·5	−79·6	126·8	E.
Dec. 5	Woodstock	7·2	−83·2	7·7	−79·6	85·8	S. 45 E.
Dec. 6	Woodstock	.....	.....	6·3	−70·6	70·8	N. 70 E.
Dec. 7	Woodstock	5·8	−70·6	7·5	−69·7	252·9	N. 70 E.

A—Height in miles of commencement of isothermal column.
B—Temperature, F., at bottom of column.
C—Greatest height of reliable record in miles.
D—Temperature, F., at greatest height.
E—Distance in miles of point where balloon fell.
F—Bearing of falling point from starting point.

The kite station at Agincourt for observations in free air has been in operation throughout the year. The equipment is similar to that employed by Dines at Pyrton Hill and the Dines kites and meteorographs are used. These kites are very easily constructed and the meteorographs are not expensive; for these reasons it was considered advisable to use them at first until the station was in good working order, after which other kinds and types will be tried. Records of pressure, temperature, humidity and wind direction have been obtained. Ascents began on February 28, 1911, and the highest flight was 7,900 feet above sea level obtained on June 28, 1911.

The movement towards the utilization of water-falls for the production of electrical power has made a knowledge of the rainfall in the various watersheds, a matter of great importance, and during the past year numerous rainfall stations have been established in districts where hitherto reports have been either scant or altogether wanting.

Forecasts have been issued from Toronto twice daily for the succeeding 36 hours for all the provinces, exclusive of British Columbia, and for these a per cent of 86·1 was attained. For the Pacific province the forecasts are issued from Victoria, and a per cent of 84·7 was attained. The forecast and storm signal service for Newfoundland, begun in 1909, has been continued with satisfactory results. Storm signal display stations now number 110, and of 2,610 warnings issued during the year 92 per cent were verified.

As indicated by the percentage of verification the forecasts of the Canadian service are distinctly good and compare most favourably with forecasts issued in other countries. But a still more certain proof of their value is shown by the close attention paid to storm warnings by mariners and fishermen, and by the fact that shippers of perishable goods consult the forecasts before shipping. Another clear indication that the forecasts are highly valued by those deeply interested in weather changes is found in the confidence with which the pilots of unseaworthy craft, such as dredges and barges at all times of the year, and of all vessels during the late autumn, allow themselves to be guided from port to port by the meteorological official.

INSPECTION OF STATIONS.

The various officials of the Central Office carried out the customary inspection of stations during the fiscal year, having equipment brought into a thorough state of repair, instruments adjusted, and observers instructed. A new telegraph reporting station was established at Harrington, Quebec. The Cochrane station was re-established after destruction by fire.

The following stations were visited during the fiscal year:—

Cape Madgalene, Heath Point, Anticosti, Point Armour, Belle Isle, Point Riche, Harrington, St. Andrews, Grand Manan, Point LePreaux, Souris, Summerside, Charlottetown, Sydney, Halifax, Yarmouth, St. John, Wolfville, Chatham, Father Point, Quebec, Amherstburg, Pelee Island, Cochrane, Lindsay, Kingston, Stonecliffe, Parry Sound, Oakville, Port Credit, Cooksville, Winnipeg, Minnedosa, Qu'Appelle, Moose Jaw, Calgary, Banff, Vancouver, White Horse, Carcross, Atlin, Prince Rupert, Victoria, Hay River, Fort Simpson, Fort Norman, Fort Good Hope, Fort Chipewyan, Fort McMurray, Fort Smith, Westport.

Frequent inspection of stations is desirable in order that reliable results may be obtained, and proposed sites for signal stations should be inspected by an official of this service before the establishment be authorized.

MAGNETIC OBSERVATORY.

There have been no breaks in the magnetic records at the Agincourt observatory during the year. The zeros of the photographic recording instruments were determined by absolute observations, taken weekly for declination and bi-monthly for horizontal force. Weekly observations were also made for the determination of the inclination. A Toepfer earth inductor was added to the equipment of the observatory in February, 1912, and this is now being used as the standard for inclination. Corrections to be applied to results from instruments formerly used are now being determined.

The westerly declination has changed from 6° 7·4′ in March, 1911 to 6° 12·5′ in March, 1912, an increase of 2·2′. The horizontal force has decreased from 0·16204 C.G.S. units to 0·16181, and the inclination has increased from 74° 39·2′ to 74° 39·9′.

Magnetic disturbances have been of unfrequent occurrence. In declination the greatest variation was recorded on the 8th and 9th of April, 1911, amounting to 1° 18·4′, the horizontal force at the same time passing beyond the range of the photographic instrument. The mien diurnal range of declination varied from a maximum of 13′·2 in August, 1911 to a minimum of 4′·3 in January, 1912, whilst that of horizontal force varied from a maximum of ·00049 dyne in August, 1911 to a minimum of ·00011 in January, 1912.

A redetermination of the constants of the magnetometer used for absolute horizontal force measurements was completed in March, 1911. The results are ·00028 lower than formerly obtained with this instrument.

The constants of magnetometer 146 of the Hydrographic Survey department were determined in November and December, and were found to agree with the constants furnished by Kew. Its correction to Toronto standard was then determined and found to be —0·00109 part of H.

During the year, 90 theodolites with magnets attached were compared with the Agincourt Standard Declinometer and index corrections for the magnets were determined and supplied to the surveyor general.

Assistance was given to Mr. C. A. French of the Dominion Observatory, in comparing his instruments with Agincourt standards, both before and after his field work.

An officer of the Meteorological Service, Mr. W. E. W. Jackson, M.A., was assigned to the Hydrographic Surveys Branch for the summer of 1911, to carry on a

magnetic survey of Hudson's bay and strait. Owing to the unfortunate occurrence of a leak in the vessel, the survey had to be abandoned.

The following results were however, obtained:—

Station.	Lat. N.	Long. W.	Date 1911.	Declination corrected to Mean of Day	Inclination.	Horizontal Force.
	° '	° '		° '	° '	C.G.S. units
Forteau	51 27	56 55	July 21	−31 45·7		
Green Cove	57 42	61 42	Aug. 15	−42 10·2	−80 27·0	0·09882
Halifax	44 36	63 34	Sept. 15	−21 35·4	−73 49·8	0·16149
Rimouski	48 30	68 31	Sept. 18	−22 51·4	−76 49·1	0·13864

SEISMOLOGY.

The Milne seismograph at Toronto and Victoria have given continuous records throughout the year, the former registering 85 disturbances and the latter 73.

The more important shakes were two of Mexican origin on June 7 and December 16; two of West Indian origin, on October 6 and 10; an Alaskan quake on January 31, and one on March 11, probably of submarine origin west of Vancouver Island, and which caused a sharp and large movement of the Victoria recorder and a lesser movement of that in Toronto.

The network of stations equipped with these instruments has been augmented during the past year by the addition of 13 new stations in various portions of the world, and the committee of the British Association which has undertaken the discussion of results obtained, has now a wide field of observation and much valuable data is being obtained. It is intended within the ensuing year to supplement the Victoria equipment by the addition of several seismological instruments which will enable Mr. F. N. Denmison to continue his investigations under more favourable conditions.

TIME SERVICE.

During the year 88 determinations for time have been made by transits of stars in the meridian with the 3-inch Troughton and Simms transit instrument.

As in former years the positions of the stars given in the 'Berliner Jahrbuch' have been used.

The collination error of the transit instrument has been chiefly determined by reversal of Polaris and occasionally in conjunction with that of the instrumental azimuth by star transits in reverse position of the axis using the methods of least squares in their computation.

Time has been given very generally and often to inquirers over the telephone and telegraph lines and a number of chronometers and watches both mean and sidereal, have been compared and regulated.

The 11.55 a.m. signal on the bells of the fire alarm system has been continued throughout the year.

Time has also been given to the Canadian Northern railway running out of Toronto, and weekly to the Magnetical Observatory at Agincourt.

The time exchanges between Toronto and Quebec, Montreal and St. John, N.B., have been made as usual, being recorded on the chronographs at Toronto, Montreal and St. John. The errors of the clocks have been computed from the latest observations.

The following table will show the differences between the times at the several observatories and that at Toronto.

Table giving differences of time obtained from time exchanges between Toronto and other observatories. The sign + indicates slow of Toronto.

Date.	Montreal.	Quebec.	St. John.
	Seconds.	Seconds.	Seconds.
1911—			
April 21	−1·28	−1·13	−0·53
May 5	−1·53	−1·18	−0·83
May 26	−0·49	−0·90	−0·55
June 16	−0·17	−0·65	−0·25
June 30	−1·36	−0·29	−0·78
July 14	−0·67	+0·59	−0·39
July 28	−0·82	+0·44	−0·34
August 11	−1·01	.....	−0·04
August 25	−0·95	+1·63	−0·25
Sept. 29	−0·02	+0·59	−0·07
October 20	−0·19	−2·61	+0·22
November 10	−1·76	+1·00	+0·26
November 24	+0·15	+0·66	−0·06
December 8	−2·04	−1·33	−0·26
1912—			
January 12	−2·92	+0·15	−0·41
January 26	−1·86	+0·22	−0·43
February 23	−0·78	+2·55	−0·62
March 22	−0·53	−0·07	−1·14
Mean difference	−1·01	−0·02	−0·36

SUN SPOT OBSERVATIONS.

During the year April 1, 1911, to April 1, 1912, the sun's surface was examined with the 6-inch equatorial telescope on 108 days and maps made showing the position of spots on 47 of those days, while on the remaining 61 days the sun was free of spots. The only group of importance during the year appeared as a rather large elliptical mass of small spots with a tendency to condense into two spots of moderate size at the extremeties of the ellipse. This group was first noticed on March 31, 1911, and without doubt existed before that date, but owing to cloudiness no observations were previously obtained. The group was near the sun's equator just west of its axis and finally disappeared over the western limb much reduced in size.

An apparent return of this group was about central on the sun on April 27, 1911; the smaller central spots had entirely disappeared and the two ends of the group condensed into well defined spots with nuclei and penumbra. A remnant of this group persisted for a third appearance, but faded away before reaching the central meridian.

With the exception of a few small spots appearing at intervals, the sun now remained remarkably clear until March 7, 1912, when a small group with faculæ came over the eastern limb, disappearing over the western limb on the 18th. Photographs were obtained of this group on March 9, 11 and 13. After this date, the sun remained free of spots until the end of the month.

The following are the dates of observations taken:—

Sun with spots: April, 1911, 1st, 3rd, 6th, 7th, 8th, 10th, 11th, 21st, 24th, 25th, 26th, 28th, 29th; May 1st, 4th, 5th, 6th, 8th, 9th, 22nd, 25th, 26th, 27th, 29th, 30th; June 5th, 30th; July 11th, 13th; September 7th, 8th; October 2nd, 4th, 5th; November 1st, 2nd, 9th, 26th, 22nd, 25th, 29th; December 29th; March, 1912, 7th, 9th, 11th, 13th, 18th.

Sun with no spots: April, 1911, 18th, 20th; May 12th, 19th, 19th; June 8th, 13th, 14th, 15th, 19th, 20th, 28th; July, 6th, 18th, 20th, 21st, 26th, 29th; August 22nd, 25th,

29th, 30th; September 11th, 12th, 15th 16th, 18th, 22nd, 28th; October 9th, 12th, 14th, 16th, 18th; 22nd, 25th, 28th; November 13th, 16th; December 2nd, 5th, 6th, 7th, 8th, 13th. 19th. 26th, 27th; January, 1912, 3rd, 10th, 15th, 19th; February 3rd, 8th, 13th, 19th, 24th; March 19th, 25th, 28th 29th.

Photographs taken: November, 1911, 22nd, 25th, 29th; March, 1912, 9th, 11th, 13th.

A very great amount of cloudiness during the fall prevented many observations being taken and also the opportunity for photographic work was small.

Respectfully submitted,

R. F. STUPART.
Director.

BRITISH COLUMBIA—NUMBER OF PREDICTIONS AND PERCENTAGE OF FULFILMENT IN EACH DISTRICT IN EACH MONTH FOR YEAR APRIL 1st, 1911, TO APRIL 1st, 1912.

Month.	Victoria and vicinity.					Lower Mainland.					Kamloops.					Totals.				
	Number issued.	Verified.				Number issued.	Verified.				Number issued.	Verified.				Number issued.	Verified.			
		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.
1911.																				
April	123	106	6	11	88·6	115	93	3	19	82·2	93	83	1	9	87·6	331	282	10	39	86·7
May	111	91	7	13	85·1	105	94	0	11	89·5	93	78	3	12	85·5	309	263	10	36	86·7
June	109	91	5	13	85·8	110	81	6	23	76·3	101	91	2	8	89·1	320	263	13	44	84·2
July	144	120	8	16	88·2	129	114	2	13	89·1	116	104	5	7	91·8	389	338	15	36	88·8
August	133	112	10	11	87·9	123	100	1	22	81·7	110	97	2	11	89·1	366	309	13	44	86·2
September	115	91	8	16	82·6	101	81	1	19	79·7	92	79	0	13	85·9	308	251	9	48	83·0
October	104	86	8	10	86·5	101	86	4	11	87·1	97	85	0	12	87·6	302	257	12	33	87·1
November	112	85	9	18	79·9	94	80	2	12	86·2	94	70	2	22	75·5	300	235	13	52	80·5
December	115	84	10	21	77·4	106	89	1	16	84·4	70	46	1	23	66·4	291	219	12	60	77·3
1912.																				
January	100	85	3	12	86·6	108	79	8	21	76·9	70	55	1	14	79·3	278	219	12	47	80·9
February	109	88	12	9	86·2	105	91	1	13	86·1	74	56	1	17	76·3	288	235	14	39	84·0
March	119	101	6	12	87·4	114	96	1	17	84·6	84	78	0	6	92·8	317	275	7	35	87·9
Totals	1,394	1,140	92	162	85·1	1,311	1,084	30	197	83·8	1,094	922	18	154	85·1	3,799	3,146	140	513	84·7

NUMBER OF PREDICTIONS AND PERCENTAGE OF FULFILMENT IN EACH DISTRICT, IN EACH MONTH FOR YEAR APRIL 1st, 1911 TO APRIL 1st, 1912—*Continued.*

Month.	Alberta.					Saskatchewan.					Manitoba.					Lake Superior.					Georgian Bay.					Lower Lake Region.				
	Number of predictions.	Verified.				Number of predictions.	Verified.				Number of predictions.	Verified.				Number of predictions.	Verified.				Number of predictions.	Verified.				Number of predictions.	Verified.			
		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.		Number fully.	Number partly.	Number not.	Percentage.
1911.																														
April	74	56	18	0	87·8	74	67	6	1	94·6	75	60	14	1	89·3	98	78	14	6	86·7	105	82	20	3	87·6	103	77	23	3	85·9
May	84	66	14	4	86·9	88	69	15	4	86·9	90	73	13	4	88·3	118	82	28	8	81·4	120	96	20	4	88·3	120	92	23	5	86·2
June	73	58	13	2	88·4	82	55	20	7	79·3	80	58	12	10	80·0	105	66	24	15	74·3	115	93	16	6	87·8	117	91	21	5	86·8
July	76	64	6	6	88·2	76	66	5	5	90·1	79	71	3	5	91·8	119	99	16	4	89·9	119	98	14	7	88·2	119	97	15	7	87·8
August	83	64	12	7	84·3	82	65	10	7	85·4	84	74	4	6	90·5	115	92	18	5	87·8	129	114	13	2	93·4	129	111	14	4	91·5
September	78	60	16	2	87·2	80	62	14	4	86·3	81	60	16	5	83·9	113	64	34	15	71·7	122	87	30	5	83·6	122	92	25	5	85·7
October	79	65	11	3	89·2	81	63	16	2	87·7	81	66	12	3	88·9	115	81	24	10	80·9	118	86	27	5	84·3	119	95	18	6	87·4
November	79	64	12	3	88·6	81	63	15	3	87·0	87	71	11	5	87·9	119	94	22	3	88·2	130	108	17	5	89·6	131	105	22	4	88·5
December	79	67	10	2	91·1	78	57	17	4	84·0	79	54	19	6	80·4	102	63	27	12	75·0	111	83	21	7	84·2	111	79	24	8	82·0
1912.																														
January	81	67	11	3	89·5	83	74	9	0	94·5	83	64	12	7	84·3	99	81	15	3	89·4	114	83	23	8	82·9	114	95	16	3	90·3
February	75	70	4	1	96·0	75	66	9	0	94·0	75	69	4	2	94·7	84	74	9	1	93·4	97	67	25	5	81·9	99	85	12	2	91·9
March	77	57	11	9	81·2	80	63	12	5	86·3	80	62	16	2	87·5	82	53	23	6	78·7	106	82	18	6	85·8	106	86	17	3	89·2
Totals	938	758	138	42	88·2	960	770	148	42	87·9	974	782	136	56	87·3	1269	927	254	89	83·0	1386	1079	244	63	86·7	1390	1105	230	55	87·8

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NUMBER OF PREDICTIONS AND PERCENTAGE OF FULFILMENT IN EACH DISTRICT, IN EACH MONTH FOR THE YEAR APRIL 1, 1911, TO APRIL 1, 1912.

Month.	Ottawa Valley.					Upper St. Lawrence.					Lower St. Lawrence.					Gulf.				
		Verified.					Verified.					Verified.					Verified.			
	No. of predictions.	No. fully.	No. partly.	No. not.	Percentage.	No. of predictions.	No. fully.	No. partly.	No. not.	Percentage.	No. of predictions.	No. fully.	No. partly.	No. not.	Percentage.	No. of predictions.	No. fully.	No. partly.	No. not.	Percentage.
1911.																				
April	81	69	9	3	90·7	81	68	12	1	91·3	93	78	12	3	90·3	108	90	15	3	90·3
May	111	89	19	3	88·7	111	89	19	3	88·7	110	81	22	7	83·6	110	77	25	8	81·4
June	107	73	28	6	81·3	107	82	21	4	86·4	110	87	19	4	87·7	111	88	19	4	87·8
July	96	82	8	6	89·6	95	84	7	4	92·1	103	88	6	9	88·3	107	85	10	12	84·1
August	104	83	17	4	88·0	104	83	17	4	88·0	120	92	18	10	84·2	124	94	26	4	86·3
September	97	73	15	9	83·0	97	73	15	9	83·0	119	88	18	13	81·5	118	87	25	6	84·3
October	95	74	14	2	90·5	95	83	9	3	92·1	113	91	15	7	87·2	117	88	23	6	85·0
November	108	81	19	8	83·8	108	86	17	5	87·5	123	93	27	3	86·6	120	91	27	2	87·1
December	100	76	12	12	82·0	101	77	14	10	83·2	111	82	21	8	83·3	112	76	27	9	79·9
1912.																				
January	95	78	12	5	88·4	95	78	11	6	87·9	101	88	10	3	92·1	109	93	13	3	91·3
February	92	78	10	4	90·2	92	78	11	3	90·8	96	81	12	3	90·6	101	75	19	7	83·7
March	93	74	10	9	84·9	93	78	11	4	89·8	101	86	10	5	90·1	101	84	12	5	89·1
Totals	1179	935	173	71	86·6	1179	959	164	56	88·3	1300	1035	190	75	86·9	1338	1028	241	69	85·8

NUMBER OF PREDICTIONS AND PERCENTAGE OF FULFILMENT IN EACH DISTRICT, IN EACH MONTH FOR THE YEAR APRIL 1, 1911, TO APRIL 1, 1912.

Month.	Maritime Provinces W.					Maritime Provinces E.					Totals.				
	No. of predictions.	Verified.				No. of predictions.	Verified.				No. of predictions.	Verified.			
		No. fully.	No. partly.	No. not.	Percentage.		No. fully.	No. partly.	No. not.	Percentage.		No. fully.	No. partly.	No. not.	Percentage.
1911.															
April.....	113	94	12	7	88·5	113	94	13	6	88·9	1118	913	168	37	89·2
May.....	117	78	29	10	79·1	115	81	24	10	80·9	1294	973	251	70	84·9
June.....	104	79	20	5	85·6	104	71	26	7	80·8	1215	901	239	75	84·0
July.....	123	96	18	9	85·4	123	97	15	11	85·0	1235	1027	123	85	88·1
August.....	127	103	12	12	85·8	127	103	10	14	85·0	1328	1078	171	79	87·6
September..	119	87	25	7	83·6	118	82	29	7	81·8	1264	915	262	87	82·8
October.....	115	78	20	17	76·5	115	80	22	13	79·1	1243	955	211	77	85·3
November..	123	81	37	5	80·9	124	92	26	6	84·7	1333	1029	252	52	86·6
December...	119	93	22	4	87·4	119	80	31	8	80·2	1222	887	245	90	82·6
1912.															
January.....	117	91	16	10	84·6	115	90	20	5	86·9	1206	982	168	56	88·4
February....	112	85	23	4	86·2	113	74	33	6	80·1	1111	902	171	38	88·9
March.....	117	87	21	9	83·3	113	83	20	10	82·3	1149	895	181	73	85·8
Totals..	1406	1052	255	99	83·9	1399	1027	269	103	83·0	14718	11457	2442	819	86·14

APPENDIX 'A.'

METEOROLOGICAL SERVICE,
ST. JOHN OBSERVATORY,
ST. JOHN, N.B., April, 1912.

R. F. STUPART, F.R.S.C.,
Director, Meteorological Service,
Toronto, Ont.

SIR,—I have the honour to present the annual report on the Observatory at St. John for the fiscal year ending March 31, 1912.

Meteorological Service.—The routine observations of the various meteorological elements have beeen made and rcorded without interruption throughout the year as heretofore reported. The bi-daily observations forming part of the Canadian Series upon which the forecasts are based, have been telegraphed to Toronto daily at 9 a.m. and 9 p.m., Atlantic Standard time. No change has been made in the equipment or exposure of the eye-reading or electrical and other self-recording instruments, all are in most satisfactory condition.

Owing to the growing demand for copies of the daily weather bulletin, I was instructed to have them printed in place of manifolding on type-writer which restricted the issue and did not always give most legible copies, a much greater number are printed in the time required for our former limited issue, they now present a greatly improved and readable appearance. Copy is prepared and sent to the printer immediately after receipt by telegraph from the central office of the reports from selected coast and inland stations, forecasts and synopsis of prevailing conditions.

After printing, the bulletin is publicly posted and distributed through the mail. Copies are supplied to and fully published by the evening papers with the addition of a brief summary of the local meteorological conditions. The morning forecasts are daily telephoned to St. Martins and posted in the telephone exchange there.

Upon receipt of storm signals messages from Toronto, they are immediately repeated by telephone from the observatory office here to the display stations at St. Martins and Point Lepreaux.

The wind station at Point Lepreaux has an excellent exposure and the records from this part of the Bay of Fundy most valuable. The automatic records are weekly sent here where they are tabulated and analysis made.

Requests for information from the office records by mail, telephone and personal calls are annually increasing and at times entail considerable extra work, signed copies of this data being frequently asked for by shippers, transportation companies, contractors and others, in many cases adjustment of claims depend upon the information furnished.

As in the past the press obtain information for publication during periods of stormy or extreme weather conditions.

The New Brunswick telephone company continue the courtesy of telephoning the Toronto forecast to all their offices at 6 o'clock each morning where they are displayed on forms supplied by the Meteorological Service. This wide and valuable dissemination of the forecast is done gratuitously by the telephone company and is greatly appreciated by residents of the various localities where the forecast would in no other way be available.

Time Service of the Maritime Provinces.—Determination of clock errors and rates have been made nearly every clear night by observation with the transit telescope.

The transit micrometer method of observing was used entirely, the observations and clock comparisons being recorded on the chronograph in the usual manner.

A pessler chambered level vial was fitted to the axis level of transit telescope to replace the vial supplied with the instrument by Troughton & Sims, which was not chambered, in consequence of this the bubble overlapped the scale when observing on extremely cold nights.

Time Signals.—The daily time signal has been sent over the Western Union wires throughout the Maritime Provinces for the two minute interval ending at 10 a.m This signal is sent automatically by the transmitting clock which at the proper instant opens the line, gives the signal of arranged dots and pauses and then closes the circuit. Before sending this signal comparison with the Riefler standard sidereal clock is made on the chronograph and when necessary the transmitter is brought exactly to time by two small weights which are suspended by a thread from levers fixed to the armatures of electric magnets, under normal conditions one of the weights rests in front of the rod on a pan fixed to the rod about fifteen inches from the suspension of the pendulum, while the other weight is suspended slightly above the pan back of the rod, a switch outside of the clock case either drops the back weight on or lifts the front weight free of the pendulum, thus the time of the transmitting clock may either be accelerated or retarded at the rate of one and a half seconds per hour. As the deviation is always small but a few minutes is required to bring the clock to exact time.

At other times than 10 a.m. time signals upon request of mariners and others from various parts of the Maritime provinces, are frequently sent by telegraph or telephone from this clock, the beats from the relay being audible through long distance telephone.

Wireless Time Signals.—The apparatus at Camperdown, N.S., which automatically repeats the time signal from land line to wireless has proved satisfactory. Navigators equipped with the wireless pick up the signal, state that it is distinctly received and is most practical for checking the ship's chronometers.

Clocks.—The mean-time transmitting clocks and chronograph in office and their various electrical connections as well as the Kullberg and Riefler sidereal clocks in basement clock room are in excellent condition. The Riefler run under constant pressure and temperature continues to give most accurate results.

The electric clock in Halifax has been daily sent the synchronizing signal at 10 a.m., in case of wire trouble the signal was hourly repeated until satisfactorily received.

Owing to the removal of the Western Union's Halifax office, it was necessary to dismount this clock. A cement pier was built in their new premises and the arrangement of electrical connections with time ball considerably improved.

When dismounted the movement of this complicated clock was sent to the makers for a thorough overhauling and repair. Return signals are received from this clock, compared on chronograph with our standard mean-time and rarely show an appreciable difference.

While the clock was dismounted an attempt was made to daily drop the Halifax time ball from St. John, but owing to interference on busy wire, was not always successful, several failures resulting.

Watch and chronometer adjusters and others in Halifax have sounders on their premises connected by wire with the telegraph office and receive the 10 a.m. time signal.

Several additions have been made to the number of clocks which are hourly synchronized from the master clock in St. John,, at a few outside places clocks are synchronized once a day.

I have the honour to be, sir,

Your obedient servant,

D. L. HUTCHINSON,

Director, St. John Observatory.

APPENDIX 'B.'

QUEBEC OBSERVATORY,
QUEBEC, April 27, 1912.

The Director, Meteorological Service,
Toronto, Ont.

SIR,—I have the honour to submit my annual report for the fiscal year ending March 31, 1912.

The usual meteorological and astronomical observations were taken daily.

The correct time was given as heretofore, by means of the noon gun, the time-ball and by telephone.

Chronometers were also rated at the observatory.

In compliance with your request, I paid a visit to the experimental farm at Cap Rouge in June last, to set up meteorological instruments and give the necessary instructions to the superintendent; also in September to place and instruct him in putting up and adjusting a sunshine recorder.

As stated in a previous report, the time-gun which is fired from the citadel towards Levis, could not be heard in the city. I have now been informed by the Department of Militia that upon my suggestion, the gun will soon be placed on top of the wall facing the main entrance to the citadel, where there is a large open space, and from which place it will be easily heard in every ward in the city when fired.

The time-ball has been dropped in a satisfactory manner until the end of navigation season, when the old chain broke.

It was also found that certain repairs were necessary and a report was sent accordingly.

The time-ball is situated near the old observatory on the citadel, and is seen from ships anchored in the stream in front of the city, but not from the 'Louise' basin where all the steamers moor.

There is on the citadel, near the King's bastion, a tower or building formerly used as a powder magazine, which commands the city and harbour.

If the time-ball was placed on top of that building and the gun as above mentioned, this part of the time service would then be nearly perfect.

I am informed that the military authorities also approve this change.

The whole respectfully submitted.

ARTHUR SMITH,
Director.

APPENDIX No. 9.

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT OF THE MARINE HOSPITALS SERVICE FOR THE FISCAL YEAR 1911-1912.

OTTAWA, May 31, 1912.

SIR,—I have the honour to submit the annual report of the transactions of the Marine Hospitals Service, for the fiscal year ended March 31, 1912.

I have the honour to be, sir,

Your obedient servant,

C. H. GODIN, M.D.,
Medical Superintendent Marine Hospitals Service.

A. JOHNSTON, Esq.
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

Amount of appropriation	$70,000 00
Amount of expenditure	54,779 27
Balance	$15,220 73

EXPENDITURE BY PROVINCES.

	No. of seamen,	No. of days.	Expenditure. $ cts.
Nova Scotia	1,468	13,711	26,336 48
New Brunswick	526	3,466	8,270 31
Prince Edward Island	221	547	1,616 66
Quebec	504	4,131	8,788 03
British Columbia	293	4,240	8,929 82
General Account	.....	.....	837 97
	3,012	26,095	54,779 27

TABLE showing the Expenditure for each Port.

Nova Scotia.

Province.	Number of Seamen.	Number of days.	Total Expenditure.
			$ cts.
AdvocateHarbour	7	91	444 00
Amherst	8	29	77 15
Annapolis Royal	23	201	271 71
Apple River	5	90	244 50
Arichat	19	28	310 00
Baddeck	10	18	111 25
Barrington	12	21	312 00
Barton	7	955	860 74
Bear River	2	.....	150 00
Belliveau's Cove	2	14	22 00
Bridgetown	1	.....	7 00
Bridgewater	.....	.....	200 00
Canning	1	11	86 35
Canso	62	124	525 69
Chester	3	21	65 55
Cheticamp	43	71	798 50
Cheverie	3	133	94 40
Church Point	3	87	86 75
Clark's Harbour	12	14	254 00
Clemensport	3	70	207 60
Digby	51	151	373 15
Freeport. Westport and Tiverton	24	966	1,112 74
Glace Bay	7	75	271 25
Guysboro	1	.....	22 00
Halifax: Victoria Gen. Hospital	163	3,696	5,623 00
Halifax Infirmary and City Hospital	4	31	300 31
Hantsport	7	24	89 45
Ingram Docks	7	.....	19 70
Jeddore	1	.....	3 50
Kingsport	3	.....	9 00
La Have	2	.....	89 50
Liscomb	1	.....	10 00
Liverpool	8	207	203 50
Lockport	16	358	229 69
Louisburg	33	358	1,112 62
Lunenburg	35	748	1,349 16
Mahone Bay	25	.....	132 45
Maitland	2	.....	8 00
Meteghan	3	123	104 34
Middleton	2	.....	83 00
Margaretsville	1	21	24 80
Northport	1	.....	3 75
North Sydney	323	445	1,194 50
Parrsboro	43	.....	303 30
Pictou	138	124	838 74
Port Clyde	3	49	219 50
Port Dufferin	5	.....	42 25
Port Greville	10	49	174 50
Ports Hawkesbury, Hastings, Miulgrave and Pt. Tupper	10	8	418 00
Port LaTour	20	.....	125 00
Port Medway	1	.....	50 00
Port Morien	16	.....	125 00
Port Wade	1	.....	9 00
Pubnico	21	119	735 80
Pugwash	6	.....	16 50
River Hebert	2	.....	25 50
Sandy Cove	8	437	418 50
Springhill	6	219	205 45
Sherbrooke	1	.....	43 00
Shelburne	5	.....	26 75
Sheet Harbour	3	.....	23 50
Ship Harbour	6	.....	26 75
Spry Bay	1	.....	19 50
St. Peters, L'Ardoise and River Bourgeois	23	64	285 50
Sydney	73	1,892	2,234 63

TABLE showing the Expenditure for each Port—*Continued.*

Nova Scotia—Continued.

Province.	Number of Seamen.	Number of days.	Total Expenditure.
			$ cts.
West Bay	1	.....	9 00
Wallace	3	.....	3 00
Walton	2	.....	22 05
Wedgeport	8	.....	29 75
Weymouth	2	29	139 00
Windsor	28	296	361 41
Yarmouth	76	1,238	1,907 00
Total	1,468	13,711	26,336 48

New Brunswick.

Alma	2	.....	26 85
Bathurst	13	50	265 35
Beaver Harbour	2	15	226 00
Buctouche	11	.....	111 21
Campbellton	78	31	410 96
Cape Tormentine	8	.....	150 00
Caraquet	42	7	96 50
Dalhousie	43	.....	200 00
Dorchester	8	154	134 11
Douglastown	47	571	1,486 13
Grand Harbour	6	28	122 50
Hillsboro and Hopewell Cape	6	.....	150 00
Moncton	26	56	230 25
North Head	6	.....	21 75
Quaco	4	.....	39 50
Richibucto	3	.....	204 50
Riverside	8	.....	84 70
River Louison	6	.....	30 50
Shediac	6	.....	200 00
Sackville	2	.....	3 50
Shippegan	9	.....	22 00
Stonehaven	1	.....	11 00
St. Andrews	1	.....	5 00
St. Stephens	1	.....	7 00
St. John: General Hospital	186	2,507	3,760 50
St. John: Private Hospital	1	47	70 50
St. John: Seamen's Mission Society	.....	.....	200 00
Total	526	3,466	8,270 31

Prince Edward Island.

Alberton	6	.....	12 45
Cardigan	6	.....	46 95
Charlottetown Hospital	20	215	311 00
Pr. Edward Island Hospital	15	209	313 50
Georgetown	5	.....	24 00
Mimmegash	5	31	97 75
Montague	9	.....	28 10
Murray Harbour	4	.....	122 92
New London	2	.....	12 50
Souris	82	78	340 14
Summerside	64	.....	250 00
Tignish	3	14	48 35
Total	221	547	1,616 66

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TABLE showing the Expenditure for each Port—*Concluded.*

Quebec.

Province.	Number of Seamen.	Number of days.	Total Expenditure.
			$ cts.
Batiscan	1	.....	18 00
Cap Chat	7	.....	112 00
Gaspé	28	.....	200 00
Chicoutimi	2	16	19 20
Grand Pabos	3	12	52 00
Grand River	5	.....	25 50
Levis	8	7	35 50
Matane	14	.....	82 75
Magdalen Islands	8	80	181 00
Montreal General Hospital	203	1,946	3,013 00
Montreal Notre Dame Hospital	97	1,080	1,634 00
Montreal Alexandria Hospital	5	42	120 00
Montreal Sailor's Club	.....	.....	200 00
Montreal Seamen's Institute	.....	.....	200 00
New Richmond	4	.....	21 50
Paspebiac and New Carlisle	12	.....	125 00
Percé	3	.....	5 00
Quebec Jeffery Hale Hospital "	41	430	645 00
" Hotel Dieu "	12	198	297 00
" City Hospital	1	11	15 50
Rimouski	4	6	34 00
Sorel	12	5	63 50
St. John	58	.....	6 00
St. Anne des Monts	4	231	580 03
St. Thomas de Montmagny	3	33	127 95
Three Rivers	29	34	380 60
Total	504	4,131	8,788 03

British Columbia.

Chemainus	.....	.....	300 00
Ladysmith	2	3	32 25
Nanaimo	109	122	722 00
Port Simpson	2	8	10 71
Prince Rupert	10	260	939 50
Union Bay	17	.....	400 00
Vancouver ,St. Paul's Hospital	67	2,115	3,177 50
Vancouver, Strathcona Institute	.....	.....	200 00
Victoria Marine Hospital	11	125	896 06
Victoria, St. Joseph Hospital	77	1,607	2,251 80
Total	293	4,240	8,929 82

Printing and Stationery	$287 42
Med. Supt., Travelling Expenses	550 55
Total	$837 97

TABLE showing Expenditure for Treatment, Board, Supplies, &c.

—	Nova Scotia	New Brunswick	Prince Edward Island	Quebec.	British Columbia	General Account
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts
Board in hospitals and private houses	11,069 21	4,331 94	629 14	6,031 55	6,175 52	
Medical and surgical treatment	4,001 61	901 91	308 60	726 05	445 50	
Medical officers and keepers salaries	8,392 00	2,270 83	672 92	1,275 00	2,050 00	
Fuel	878 42	37 80	.....	.....	.....	
Drugs, instruments	270 06	.....	.....	.....	9 75	
Burials	128 00	.....	.....	.....	.....	
Telephone	129 05	20 05	.....	.....	5 50	
Water	42 00	.....	.....	.....	5 05	
Transportation	83 55	.....	4 00	180 00	2 00	550 55
Repairs	836 03	232 38	.....	.....	28 95	
Special nursing	314 02	75 00	.....	9 00	7 55	
Light	.....	.....	.....	.....	9 00	
Furniture, bedding, &c	102 53	200 40	.....	166 43	.....	
Medical assistance	90 00	.....	2 00	.....	.....	
Grants	.....	200 00	.....	400 00	200 00	
Printing and stationery	.....	.....	.....	.....	.....	287 42
	26,336 48	8,270 31	1,616 66	8,788 03	8,929 82	837 97

TABLE showing Amount of Salaries paid to Medical Officers and Keepers during the Fiscal year 1911-12.

Nova Scotia.	$ cts.	*Nova Scotia*—Continued.	$ cts.
Annapolis Royal—		North Sydney—	
Medical officer	160 00	Medical officer	749 50
Arichat—		Parrsboro—	
Medical officer	300 00	Medical officer	300 00
Barrington—		Pictou—	
Medical officer	300 00	Medical officer	400 00
Barton—		Keeper	200 00
Medical officer	62 50	Ports Hastings, Hawkesbury, Mulgrave and Point Tupper—	
Bear River—		Medical officers	400 00
Medical officer	150 00	Port Greville—	
Bridgewater—		Medical officer	150 00
Medical officer	200 00	Port LaTour—	
Canso—		Medical officer	125 00
Medical officer	375 00	Port Morien—	
Clark's Harbour—		Medical officer	125 00
Medical officer	250 00	Sandy Cove—	
Digby—		Medical officer	200 00
Medical officer	250 00	St. Peters, L'Ardoise and River Bourgeois—	
Keeper	50 00	Medical officer	250 00
Freeport, Westport and Tiverton—		Sydney—	
Medical officer	400 00	Medical officer	500 00
Glace Bay—		Keeper	300 00
Medical officer	150 00	Weymouth—	
Liverpool—		Medical officer	125 00
Medical officer	100 00	Windsor—	
Lockport—		Medical officer	120 00
Medical officer	100 00	Yarmouth—	
Louisburg—		Medical officer	400 00
Medical officer	250 00		
Keeper	300 00		
Lunenburg—			
Medical officer	500 00		
Keeper	150 00		$8,392 00

TABLE showing Amount of Salaries paid to Medical Officers and Keepers during the Fiscal Year 1911-12—*Concluded.*

New Brunswick.	$ cts.
Bathurst—	
Medical officer	150 00
Campbellton, N.B.—	
Medical officer	320 83
Cape Tormentine—	
Medical officer	150 00
Dalhousie—	
Medical officer	200 00
Douglastown—	
Medical officer	450 00
Keeper	250 00
Hillsboro and Hopewell Cape—	
Medical officer	150 00
Moncton—	
Medical officer	200 00
Richibucto—	
Medical officer	200 00
Shediac—	
Medical officer	200 00
	$2,270 83
Prince Edward Island.	
Murray Harbour—	
Medical officer	122 92
Souris—	
Medical officer	300 00
Summerside—	
Medical officer	250 00
	$672 92

Quebec.	$ cts.
Gaspé—	
Medical officer	200 00
Paspebiac and New Carlisle—	
Medical officer	125 00
St. Johns—	
Medical officer	600 00
Three Rivers—	
Medical officer	350 00
	$1,275 00
British Columbia.	
Chemainus—	
Medical officer	300 00
Nanaimo—	
Medical officer	600 00
Union Bay—	
Medical officer	400 00
Victoria—	
Medical officer	600 00
Keeper	150 00
	$2,050 00
Total amount of salaries paid during 1911-12	$14,660 75

TABLE showing Expenditure for Treatment, comprising Doctor's Services, Doctor's Travelling Expenses, Drugs and Board.

Port.	Physicians' Services.	Physicians' Travelling Expenses.	Drugs.	Board.	Total Expenditure
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Advocate Harbour	244 00	81 00	59 00	60 00	444 00
Amherst	22 00	13 00	2 40	18 75	56 15
Annapolis Royal	.....	.....	.....	111 71	111 71
Apple River	56 00	114 00	30 00	44 50	244 50
Arichat	.....	.....	.....	10 00	10 00
Baddeck	72 00	7 00	13 75	18 50	111 25
Barrington	.....	.....	.....	12 00	12 00
Barton	131 00	185 00	59 00	413 20	788 20
Belliveau's Cove	5 00	10 00	2 00	5 00	22 00
Bridgetown	5 00	.....	2 00	.....	7 00
Canning	12 00	48 00	7 50	6 28	73 78
Canso	.....	.....	.....	106 39	106 39
Chester	9 00	30 00	5 55	21 00	65 55
Cheticamp	176 00	285 00	162 50	85 00	708 50
Cheverie	17 00	.....	10 90	66 50	94 40
Church Point	7 00	28 00	.....	39 00	74 00
Clark's Harbour	.....	.....	.....	4 00	4 00
Clementsport	33 00	135 00	9 60	30 00	207 60
Digby	.....	.....	.....	68 15	68 15
Freeport, Westport and Tiverton	.....	.....	.....	657 74	657 74
Glace Bay	.....	.....	.....	61 25	61 25
Guysborough	13 00	.....	9 00	.....	22 00
Halifax, Victoria General Hospital	.....	.....	.....	5,544 00	5,544 00
Halifax Infirmary and City Hospital	147 16	.....	.....	39 70	186 86
Hantsport	38 50	.....	26 95	24 00	89 45
Ingram Docks	10 00	6 50	3 20	.....	19 70
Jeddore	2 00	.....	1 50	.....	3 50
Kingsport	5 00	.....	4 00	.....	9 00

TABLE showing Expenditure for Treatment, comprising Doctor's Services, Doctor's Travelling expenses, Drugs and Board—*Concluded.*

Port.	Physician's Services.	Physicians' Travelling Expenses.	Drugs.	Board.	Total Expenditure
	$ cts.	$ cts	$ cts.	$ cts.	$ cts.
La Have	13 00	72 00	4 50	.....	89 50
Liscomb	7 00	.....	3 00	.....	10 00
Liverpool	.....	.....	.....	103 50	103 50
Louisbourg	76 50	.....	.....	37 40	113 90
Lockport	.....	.....	.....	129 69	129 69
Lunenburg	.....	.....	.....	374 00	374 00
Mahone Bay	72 00	36 00	.....	24 45	132 45
Maitland	4 00	2 00	2 00	.....	8 00
Margaretsville	2 00	10 00	3 80	9 00	24 80
Meteghan	33 00	14 50	11 25	43 94	102 69
Middleton	23 00	52 00	8 00	.....	83 00
Northport	2 00	.....	1 75	.....	3 75
North Sydney	.....	.....	.....	445 00	445 00
Pictou	.....	.....	.....	62 00	62 00
Port Clyde	114 00	61 50	23 00	21 00	219 50
Port Dufferin	9 00	28 00	5 25	.....	42 25
Port Greville	.....	.....	.....	24 50	24 50
Port Hastings	10 00	.....	.....	8 00	18 00
Port Medway	14 00	21 00	.....	15 00	50 00
Port Wade	1 00	7 00	1 00	.....	9 00
Pubnico	164 00	431 00	32 80	78 00	705 80
Pugwash	11 00	.....	5 50	.....	16 50
River Hebert	15 00	4 00	6 50	.....	25 50
Sandy Cove	.....	.....	.....	218 50	218 50
Springhill	.....	.....	.....	197 10	197 10
Sherbrooke	5 00	35 00	3 00	.....	43 00
Shelburne	9 00	13 50	4 25	.....	26 75
Sheet Harbour	9 00	4 50	10 00	.....	23 75
Ship Harbour	19 00	.....	7 75	.....	26 75
Spry Bay	5 00	12 00	2 50	.....	19 50
St. Peters	.....	.....	.....	35 50	35 50
Sydney	.....	.....	.....	946 00	946 00
Wallace	3 00	.....	.....	.....	3 00
Walton	20 00	.....	2 05	.....	22 05
Wedgeport	22 75	5 00	2 00	.....	29 75
Weymouth	.....	.....	.....	14 00	14 00
West Bay	9 00	.....	.....	.....	9 00
Windsor	.....	.....	.....	241 41	241 41
Yarmouth	.....	.....	.....	619 00	619 00
	1,676 91	1,751 50	543 70	11,069 21	15,070 82
NEW BRUNSWICK.					
Alma	2 00	23 00	1 85	.....	26 85
Bathurst	65 00	.....	.....	50 35	115 35
Beaver Harbour	14 00	70 00	52 00	15 00	151 00
Buctouche	87 00	14 46	9 75	.....	111 21
Campbellton	43 00	.....	19 50	27 63	90 13
Caraquet	34 00	9 00	50 25	3 25	96 50
Dorchester	38 00	6 50	12 65	76 96	134 11
Douglastown	10 00	.....	.....	285 50	295 50
Grand Harbour	62 00	36 00	12 50	12 00	122 50
Moncton	.....	.....	.....	30 25	30 25
North Head	11 00	3 50	7 25	.....	21 75
Quaco	12 00	25 00	2 50	.....	39 50
Richibucto	2 00	.....	2 50	.....	4 50
Riverside	15 00	65 00	4 70	.....	84 70
River Louison	7 00	21 00	2 50	.....	30 50
Shippegan	11 00	.....	11 00	.....	22 00

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TABLE showing Expenditure for Treatment, comprising Doctor's Services, Doctor's Travelling Expenses, Drugs and Board—*Concluded.*

NEW BRUNSWICK—*Continued.*

Ports.	Physician's services.	Physicians travelling expenses	Drugs.	Board.	Total expenditure
	$ cts	$ cts.	$ cts.	$ cts.	$ cts.
Sackville	2 00		1 50		3 50
Stonehaven	1 00	10 00			11 00
St. Andrews	4 00		1 00		5 00
St. Stephens	5 00		2 00		7 00
St John Public General Hospital				3,760 50	3,760 50
St. John				70 50	70 50
	425 00	283 46	193 45	4,331 94	5,233 85

PRINCE EDWARD ISLAND.

Alberton	16 50		4 95		21 45
Cardigan	32 00		14 95		46 95
Charlottetown Hospital	50 00			255 00	305 00
Prince Edward Island Hospital				313 50	313 50
Georgetown	11 00	2 00	11 00		24 00
Miminegash	26 00	30 00	26 25	15 50	97 75
Montague	20 00		8 10		28 10
New London	10 00		2 50		12 50
Souris				40 14	40 14
Tignish	31 00		12 35	5 00	48 35
	196 50	32 00	80 10	629 14	937 74

QUEBEC.

Batiscan	13 00		5 00		18 00
Cap Chat	26 00	41 00	45 00		112 00
Chicoutimi				19 20	19 20
Grand Pabos	16 00	27 00	3 00	6 00	52 00
Grand River	8 00		17 50		25 50
Levis	25 00			10 50	35 50
Matane	32 00	27 00	16 25	7 50	82 75
Montreal General Hospital				2,919 00	2,919 00
Montreal, Notre Dame Hospital				1,620 00	1,620 00
Montreal Alexandra Hospital				105 00	105 00
Magdalen Islands	75 50		17 75	72 75	166 00
New Richmond	4 00	6 00	11 50		21 50
Percé	4 00		1 00		5 00
Quebec Jeffery Hale Hospital				645 00	645 00
Quebec Hotel-Dieu				297 00	297 00
Quebec City Hospital				5 50	5 50
Rimouski	16 00		8 00	6 00	30 00
Sorel	30 00		28 50	5 00	63 50
Ste Anne des Monts	57 00	24 00	40 60	255 00	376 60
Three Rivers				30 60	30 60
St Thomas de Montmagny	90 50		9 95	27 50	127 95
	397 00	125 00	204 05	6,031 55	6,757 60

BRITISH COLUMBIA.

Ladysmith	16 00	15 00		1 25	32 25
Nanaimo				122 00	122 00
Port Simpson	5 00			5 71	10 71
Prince Rupert	373 50		36 00	530 00	939 50
Vancouver St. Paul Hospital				3,177 50	3,177 50
Victoria Marine Hospital				89 26	89 26
Victoria St. Joseph's Hospital				2,249 80	2,249 80
	394 50	15 00	36 00	6,175 52	6,621 02

DETAILED EXPENDITURE FOR FUEL.

Nova Scotia—		
Louisburg Marine Hospital	$223 00	
Lunenburg Marine Hospital	192 95	
Pictou Marine Hospital	134 62	
Sydney Marine Hospital	140 25	
Yarmouth Marine Hospital	187 60	
		$ 878 42
New Brunswick—		
Douglastown Marine Hospital		37 80
Total expenditure		$ 916 22

DETAILED EXPENDITURE FOR WATER SUPPLY.

Nova Scotia—		
Pictou Marine Hospital	$ 25 00	
Sydney Marine Hospital	17 00	
		$ 42 00
British Columbia—		
Victoria Marine Hospital		5 05
Total expenditure		$ 47 05

DETAILED EXPENDITURE FOR TELEPHONE SERVICES.

Nova Scotia—		
Barton	$ 0 54	
Lunenburg Marine Hospital	27 00	
Sydney Marine Hospital	66 50	
Yarmouth Marine Hospital	35 01	
		$ 129 05
New Brunswick—		
Douglastown Marine Hospital		$ 20 05
British Columbia—		
Victoria Marine Hospital		$ 5 50
Total expenditure		$ 154 60

DETAILED EXPENDITURE FOR REPAIRS AND MAINTENANCE.

Nova Scotia—		
Louisburg Marine Hospital	$109 60	
Lunenburg Marine Hospital	43 10	
Pictou Marine Hospital	17 12	
Sydney Marine Hospital	203 08	
Yarmouth Marine Hospital	463 13	
		$ 836 03
New Brunswick—		
Douglastown Marine Hospital		232 38
British Columbia—		
Victoria Marine Hospital		28 95
Total expenditure		$1,097 36

GRANTS TO SEAMAN'S MISSIONS.

Montreal Sailor's Institute	$200 00	
Catholic Sailors' Club, Montreal	200 00	
Seamen's Mission Society, St. John, N.B.	200 00	
Strathcona Institute, Vancouver, B.C.	200 00	
		$ 800 00

DETAILED EXPENDITURE FOR LIGHT.

British Columbia—		
Victoria Marine Hospital		$ 7 55

DETAILED EXPENDITURE FOR DRUGS AND INSTRUMENTS.

Nova Scotia—		
Lunenburg Marine Hospital	$ 29 35	
Yarmouth Marine Hospital	158 26	
Sydney Marine Hospital	33 80	
Louisburg Marine Hospital	48 65	
		$270 06
British Columbia—		
Victoria Marine Hospital		9 75
		$279 81

DETAILED EXPENDITURE FOR TRANSPORTATION.

Nova Scotia—		
Barton	$ 2 00	
Church Point	6 25	
Halifax	5 00	
Halifax, Victoria, General Hospital	55 00	
Meteghan	1 65	
Parrsboro	3 30	
Springhill	8 35	
Glace Bay	2 00	
		$ 83 55
Prince Edward Island—		
Charlottetown		4 00
Quebec—		
Quebec	$ 1 00	
Rimouski	4 00	
St. Anne des Monts	37 00	
Montreal	138 00	
		$180 00
British Columbia—		
Victoria General Hospital		2 00
		$269 55

DETAILED EXPENDITURE FOR SPECIAL NURSING.

Nova Scotia—		
Barton	$ 7 50	
Canning	12 57	
Canso	17 00	

Cheticamp	$ 90 00	
Church Point	6 50	
Halifax	108 45	
Pubnico	30 00	
Sydney	28 00	
Yarmouth	14 00	
		$314 02
New Brunswick—		
Beaver Harbour		75 00
Quebec—		
Quebec		9 00
Total expenditure		398 02

DETAILED EXPENDITURE FOR BURIALS.

Nova Scotia—		
Amherst	$ 21 00	
Canso	25 00	
Glace Bay	28 00	
Halifax	24 00	
Yarmouth	30 00	
		$128 00

DETAILED EXPENDITURE FOR FURNITURE, BEDDING, ETC.

Nova Scotia—		
Canso	$ 2 30	
Lunenburg	32 76	
Louisburg	67 47	
		$102 53
New Brunswick—		
Douglastown		$ 200 40
Quebec—		
Quebec		$ 166 43
Total expenditure		$ 469 36

DETAILED EXPENDITURE FOR MEDICAL ASSISTANCE.

Nova Scotia—		
Digby	$ 5 00	
Freeport	55 00	
Glace Bay	30 00	
		$ 90 00
Prince Edward Island—		
Charlottetown		$ 2 00
Total expenditure		$ 92 00

MISCELLANEOUS.

Printing and stationery	$287 42	
Med. supt. travelling expenses	$550 55	
		$ 837 97

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TABULAR STATEMENT showing diseases for which seamen received treatment during 1911-12.

General diseases, 759.

Smallpox	2
Varioloid	1
Measles	15
Scarlet fever	1
Influenza	111
Mumps	1
Diphtheria	4
Enteric fever	72
Choleraic fever	4
Dysentery	31
Beri-Beri	5
Malarial fever	40
Erysipelas	13
Septicemia	26
Tetanos	1
Tubercle	11
Syphilis	87
Gonorrhœa	93
Scabisi	7
Teania	1
Alcoholism	157
Gout	1
Anemia	13
Diabetes mellitus	2
Congenital malformation	3
General debility	20
New growth, non-malignant	4
" malignant	7
Effects of inorganic poison	2
Effects of heat	1
Effects of cold	9
Cyst	1
Effects of the presence of foreign bodies	5

Local Diseases, 1,791.

Diseases of the nervous system—

1. Of the nerves, 4.

Neuritis	3
Multiple neuritis	1

2. Of the spinal cords and membranes, 8.

Inflammation	5
Degeneration of lateral column	2
Locomotor ataxia	1

3. Of brain and membrane, 8.

Hemorrhage	2
Meningitis	6

4. Functional nervous diseases and other diseases of undetermined nature, 66.

Apoplexy	1
Paralysis	5
Epilepsy	2
Spasms	1
Vertigo	3
Headache	11
Neurasthenia	7
Neuralgia	35
Hysteria	1

Diseases of the eye, 78.

Conjunctivitis	52
Keratitis	3
Ulceration of cornea	7
Iritis	2
Blepharitis	1
Abcess of eye-lid	2
Abcess of lacrymal sac	5
Ecchymosis of eyelid	2
Optic Neuritis	1
Amplyopia	1
Squint	2

Diseases of the ear, 34.

Inflammation of the external meatus	1
Cerumen	3
Otititis media	27
Abcess axilla	3

Diseases of the nose, 9.

Inflammation of septum	2
Necrosis of septum	1
Inflammation of sinueses	2
Inflammation of the naso-pharynx	4

Diseases of the circulatory system, 54.

Pericarditis	2
Endocarditis	10
Valvular diseases	22
Aneurism of the heart	6
Angina pectoris	2
Syncope	2
Arteritis	3
Aneurism of the arteries	4
Thrombosis	1
Phlebitis	1
Varix	1

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Diseases of the respiratory system, 308.

Laryngitis	19
Bronchitis	187
Asthma	18
Congestion of the lungs	7
Hemorrhage of the lungs	2
Pneumonia	27
Broncho-pneumonia	2
Abscess of the lungs	4
Phthisis	11
Pleurisy	32
Oedima of lungs	1

Diseases of the digestive system, 567.

Inflammation of the lips	2
Inflammation of the mouth	2
Abscess of dental periosteum	4
Toothache	65
Sore throat	10
Tonsilitis	67
Post. pharyngal abscess	1
Inflammation of the stomach	72
Ulceration of the stomach	7
Hemorrhage of the stomach	1
Indigestion	40
Gastralgia	6
Inflammation of the intestines	20
Typhlitis	1
Colitis	6
Appendicitis	21
Duodenitits	1
Intestinal obstructions	4
Constipation	10
Diarrhœa	84
Pistula in ano	3
Ulcer of rectum	1
Prolapsus of rectum	2
Piles	26
Hepatitis	9
Jaundice	3
Cancer of liver	2
Calculi	2
Biliary colic	3
Hernia	21
Inflammation of the biliary ducts	3
Peritonitis	5
Dyspepsia	62
Dropsy	1

Diseases of the lymphatic glands, 30.

Adenitis	29
Goitre	1

Diseases of the urinary system, 72.

Nephritis	27
Bright's disease	4
Calculi in kidneys	3
Abscess perinephritis	1
Calculi in ureter	1
Hæmaturia	2
Albuminnuria	4
Lithuria	1
Phosphaturia	1
Pyelitis	3
Cystitis	25

Diseases of the generative system, 169.

Urethritis	92
Stricture	13
Prostatitis	2
Phimosis	3
Paraphimosis	1
Inflammation of the glands	2
Soft chancres	15
Orchitis	25
Inflammation of the spermatic cord	1
Varicocele	10
Epididymitis	4
Spermatorrhea	1

Diseases of the organs of locomotion, 108.

Inflammation of the bones—	
Osteitis	3
Periostitis	4
Caries	2
Inflammation of the joints	6
Dislocation of ankle	2
Dislocation of the spine	2
Necrosis	5
Lumbago	61
Sciatica	15
Bursitis	8

Diseases of the connective tissues, 134.

Cellulitis	47
Abscesses	84
Gangrene	1
Oedema	2

Diseases of the skin, 142.

Erythema	2
Urticaria	4
Eczema	25
Impetigo	1

Pruritis	2
Sycosis	3
Psoriasis	1
Herpes	2
Dermatitis	1
Acne	3
Seborrhoea	2
Chilblain	1
Ulcers	29
Boils	44
Carbuncle	8
Whitlow	7
Prurigo	2
Ringworms	3
Frost bites	2

Injuries, 462.

General injuries, 58.

Burns and scalds	33
Multiple injuries	24
Shocks	1

Local injuries, 404.

Rupture of muscles	2
Wounds	4
Fracture of skull	2
Concussion of brain	2
Contusion of eyelids	5
Wounds of eyelid	2
Wounds of neck	6
Wounds of chest	7
Contusion of chest	3
Fracture of ribs	18
Sprain of back	2
Contusion of abdomen	21
Wounds of upper extremities	92
Sprains of shoulder	1
Sprain of elbow	2
Sprain of wrist	16
Sprain of hand	2
Fracture of clavicle	4
Fracture of humerus	14
Fracture of radius	3
Fracture of ulna	2
Fracture of radius and ulna	2
Fracture of finger bones	4
Dislocation of shoulder	8
Dislocation of phalanges and thumb	5
Contusion of lower extremities	76
Sprained hip	2
Sprained knee	8
Sprained ankle	25
Sprained foot	1

Fracture of femur	8
Fracture of tibia	14
Fracture of fibula	4
Fracture of tibia and fibula	2
Fracture of spine	4
Fracture of pelvis	1
Fracture of bones of nose	2
Fracture of lower maxillary	4
Fracture of pattela	2
Fractures of bones of foot	4
Malingery	11
Incomplete reports	2
Undiagnosed	5
Total number of seamen treated	3,012

NUMBER OF VOUCHERS ISSUED FOR EACH PROVINCE.

Nova Scotia	665
New Brunswick	146
Prince Edward Island	56
Quebec	113
British Columbia	78
General account	18
Total number of vouchers	1,076

May 31, 1912.

APPENDIX No. 10.

MASTERS AND MATES EXAMINATIONS.

A. Johnston Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ontario.

Sir,—I have the honour to report that during the twelve months ended March 31, 1912, 208 applicants for masters' and 179 applicants for mates' certificates of competency, and 26 applicants for Masters' temporary certificates were examined, and 30 persons underwent the sight tests only, at the various ports and places in Canada; as follows:—

At Halifax, N.S., Captain Luger, Examiner, 22 candidates were examined: 3 for master, 3 for mate and 1 for second mate, sea-going; 3 master, 11 for mate, coasting; and 1 for a temporary certificate. 7 candidates failed: 3 for master and 1 for mate, sea-going; and 1 for master and 2 for mate, coasting. 4 persons underwent the sight tests.

At Yarmouth, N.S., Captain Murphy, examiner, 59 candidates were examined: 9 for master, 5 for mate and 6 for second mate, sea-going; 21 for master and 15 for mate coasting; 2 for master, minor waters, and 1 for a temporary certificate. 11 candidates failed: 1 for master, 1 for mate and 1 for second mate, seagoing; and 4 for master and 4 for mate, coasting.

At North Sydney, N.S., Captain Sutherland, examiner, 11 candidates were examined: 9 for master, and 1 for mate, coasting; and 1 for master, minor water. 6 candidates failed: 5 for master, coasting; and 1 for master, minor waters. 21 persons underwent the sight test.

At Charlottetown, P.E.I., Captain Cameron, examiner, 5 candidates were examined: 1 for master and 1 for mate, coasting; 1 for master, inland; and 1 for master and 1 for mate, minor waters.

At Quebec, Que., Captain Demers, examiner, 13 candidates were examined: 10 for master and 2 for mate, minor waters; and 1 for a temporary certificate. 3 candidates failed: 1 for master and 2 for mate, minor waters. 1 person underwent the sight test.

At Montreal, Que., Captain Riley, examiner, 43 candidates were examined: 2 for mate, coasting; 9 for master and 7 for mate, inland; 18 for master and 4 for mate, minor waters, and 3 for temporary certificates. 4 candidates failed: 1 for master and 1 for mate, inland, and 2 for master, minor waters.

At Toronto, Ont., Captain Moller, examiner, 48 candidates were received: 20 for master and 20 for mate, inland; 5 for master and 3 for mate, minor waters; and 5 for temporary certificates. 21 candidates failed: 8 for master and 7 for mate, inland; and 4 for master and 2 for mate, minor waters.

At Windsor, Ont., Captain McGregor, examiner, 1 candidate was examined for mate, inland.

At Collingwood, Ont., Captain Coles, examiner, 53 candidates were examined: 22 for master and 21 for mate, inland; 5 for master, minor waters; and 5 for temporary certificates. 15 candidates failed: 8 for master and 5 for mate, inland; and 2 for master, minor waters. 1 person underwent the sight test.

At Kenora, Ont., Captain G. P. Phillips, examiner: 4 candidates were examined for temporary certificates.

At West Selkirk, Man., Captain Thordarson, examiner: 8 candidates were examined, 1 for master and 1 for mate, inland, and 6 for master, minor waters, 2 candidates failed, 1 for master and 1 for mates, inland.

At Edmonton, Alta., Captain Grant, examiner: 1 candidate was examined for mate, minor waters.

At Nelson, B.C., Lieut. Hallett, examiner: 7 candidates were examined, 2 for master and 5 for mate, minor waters; 2 candidates failed, 1 for master and 1 for mate, minor waters.

At Vancouver, B.C., Captain Eddie, examiner: 68 candidates were examined, 2 for master, 6 for mate and 1 for second mate, sea-going; 27 for master and 25 for mate coasting; 2 for master, inland; and 4 for master and 1 for mate, minor waters. 18 candidates failed, 3 for mate, sea-going; 7 for master and 7 for mate, coasting, and 1 for master, inland. 3 persons underwent the sight tests.

At Victoria, B.C., Captain Gaudin, examiner: 50 candidates were examined, 2 for master, 6 for mate and 2 for second mate, sea-going; 17 for master and 21 for mate, coasting; and 2 for mate, minor waters. 7 candidates failed, 4 for mate and 1 for second mate, sea-going, and 2 for mate, coasting.

At Ottawa, Ont., 20 candidates were examined by the chief examiner: 1 for second mate, sea-going; 1 for master, coasting; 2 for master and 1 for mate, inland; 2 for master and 2 for mate, minor waters, and 11 for temporary certificates. 5 candidates failed, 1 for second mate, sea-going; 1 for master and 1 for mate, inland and 1 for master and 1 for mate, minor waters.

Place.	Passed.	Failed.	Total.
Halifax, N. S.	15	7	22
Yarmouth, N. S.	48	11	59
North Sydney, N.S.	5	6	11
Charlottetown, P. E. I.	5	0	5
Quebec, Que.	10	3	13
Montreal, Que.	39	4	43
Toronto, Ont.	27	21	48
Windsor, Ont.	1	0	1
Collingwood, Ont.	38	15	53
Kenora, Ont.	4	0	4
West Selkirk, Man.	6	2	8
Edmonton, Alta.	1	0	1
Nelson, B. C.	5	2	7
Vancouver, B. C.	50	18	68
Victoria, B. C.	43	7	50
Ottawa, Ont.	15	5	20
	312	101	413

I have the honour to be, sir,

Your obedient servant,

H. ST. G. LINDSAY,
Chief Examiner.

MASTERS AND MATES' CERTIFICATES.

During the twelve months ended March 31, 1912, the following grades of certificates were issued to masters and mates: 13 masters' 10 mates' and 8 second mates' sea-going certificates of competency; 61 masters' and 61 mates' coasting certificates of competency; 37 masters' and 37 mates' inland waters certificates of competency; 44 masters' and 15 mates' minor inland waters certificates of competency, and 19 temporary certificates.

The total amount collected in the way of fees for certificates during the twelve months ended March 31, 1912, was $3,970, and the amount expended on account of this service was $7,226.54, an excess of expenditure over receipts of $3,256.54.

The following statement shows the total receipts and expenditures on account of masters and mates during the last ten years.

	Expenditure.	Receipts.
	$ cts.	$ cts.
For the fiscal year ended June 30 1903	4,968 36	5,790 50
" " 1904	7,761 17	4,795 00
" " 1905	5,884 74	4,643 85
" " 1906	7,068 15	5,526 00
" ended March 31 1907 (nine months)	5,934 16	2,294 50
" " 1908	11,508 31	4,306 05
" " 1909	8,244 56	4,192 50
" 1910	6,662 52	4,314 50
" 1911	5,801 62	4,446 61
" 1912	7,226 54	3,970 00
Expenditure	71,060 13	44,279 51
Receipts	44,279 51	
Excess of expenditure over receipts	26,780 62	

LIST of Sea-going Certificates of Competency issued to Masters and Mates and Second Mates, during the twelve months ended March 31, 1912.

No. of certificate	Date of certificate.	Name.	Grade.	Address.	Where examination was passed.	Fee.
	1911					$ cts.
3917	April 10	John James Gear.....	Master.....	c[o. M. A. Tait, Irwin St., Nanaimo, B.C..	Yarmouth, N.S...	15 00
3918	" 10	Joseph Everett Faulkner	"	Port Williams, Kings Co., N.S.	"	15 00
3919	" 10	William C. Brodie.....	Mate.....	c[o. Robert McGregor, 11 Broadway, New York.	"	8 00
3920	" 10	William Mogridge.....	2nd Mate.....	26 Broadway, New York, U.S.A.	"	8 00
3921	" 28	Leon O. Everett.....	2nd MateF. & A. Rig..	Bridgetown, N. S....	"	8 00
3922	" 28	John Wilkin Bryant.....	2nd Mate S.S. only.	Vancouver, B.C.....	Vancouver, B.C...	8 00
3923	" 28	Robert J. Blair.....	Master.....	Chelsea, Mass.....	Yarmouth, N.S...	15 00
3924	" 28	John Charles Shaw.....	"	16 Gerrish St, Halifax, N.S.	" ..	15 00
3925	May 16	Joshua Gallop.....	2nd Mate F. & A. Rig. or S. S.	Halifax, N.S.....	Halifax, N.S.....	8 00
3926	" 31	Charles Reid Yeadon...	Mate.....	Gowanlea Elgin Scotland.	Victoria, B.C.....	8 00
3927	" 31	James A. Rice.....	Mate F. & A. Rig. only.	Yarmouth, N. S.....	Yarmouth, N.S...	8 00
3928	June 23	Herbert Henry Davies..	Master.....	Elm Bank St., Pauls Gray, England.	Vancouver, B.C...	15 00
3929	" 27	Andrew McDonald.....	Master.....	Yarmouth, N.S.....	Yarmouth, N. S..	15 00
3930	" 27	Harold James Symonds.	..Master.....	26 Broadway, New York, U.S.A.	" ..	15 00
3931	July 18	Arthur James Slide.....	Mate.....	55 Edgecombe St., Hull, England.	Victoria, B.C.....	8 00
3932	" 24	Arthur Thos. Willoughby.	Master S. S. only.	Vancouver, B.C.....	Vancouver, B.C...	15 00
3933	August 18	John McIntyre.....	Mate.....	"	" ..	8 00
3934	" 23	Horace Goodacre.....	Mate S. S. only.	New Westminster, B. C.	" ..	8 00
3935	Sept. 2	James Dalgleish.....	2nd Mate.....	Spencer Place, Leith, Scotland..	Victoria, B. C....	8 00
3936	" 19	David M. Taggart.....	Mate S. S. only.	Lower Onslow, N.S...	Halifax, N.S.....	8 00
3937	Oct. 17	George A. McBride.....	Master.....	Harbourville, N.S....	Yarmouth, N.S...	15 00
3938	Nov. 2	Beecher P. Powell.....	2nd Mate S. S. only.	Yarmouth, N.S.....	Yarmouth, N.S...	8 00
3939	" 6	Hans Peter Christiansen	Master.....	"	" ..	15 00
3940	" 17	Carl J. R. Kohler.....	2nd Mate.....	Lunenburg, N.S.....	" ..	8 00
3941	Dec. 27	Arthur Ellis.....	Mate.....	Economy, N.S.....	" ..	8 00
3942	" 27	Jabez James Hancock...	Master.....	S.S. *Schuylkill*, New York, U.S.A.	" ..	15 00
	1912					
3943	Jan. 26	Reginald Rose.....	Master F. & A. Rig. only	Boston, U.S.A.....	" ..	15 00
3944	Feb. 13	Stanley J. Kaulback....	Mate F. & A. Rig. only..	Mahone Bay, N.S.....	" ..	8 00
3945	March 22	Hugh C. Warner.....	2nd Mate.....	Bridgewater, N.S.....	" ..	8 00
3946	" 22	James Alexander Walker	Mate S. S. only.	Vancouver, B.C.....	Vancouver, B.C...	8 00
3947	" 22	Roderick McDonald....	Master S. S. only.	Barra Invernesshire, Scotland.	Victoria, B.C.....	15 00

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LIST of Certificates of Competency issued to Masters and Mates of Inland and Coasting Vessels during the twelve months ended March 31, 1912.—*Continued.*

No. of certificate	Date of certificate.	Name.	Grade.	Address.	Where examination was passed.	Fee.
	1911					$cts.
6468	April 3	John Cunningham	Master T.C.	Gaudette, P.Q.	Ottawa, Ont.	5 00
6469	" 10	Ernest H. Stevenson	Master	Le Pas, N.W.G.	West Selkirk, Man	15 00
6470	" 10	Thomas Donaldson Bryan.	"	Toronto, Ont.	Toronto, Ont.	15 00
6471	" 10	Edmond Groulx	Mate	Melochville, P.Q.	Montreal, P.Q.	6 00
6472	" 10	Charles Thrasher	Master	Alba, Ont.	"	15 00
6473	" 10	Edward William Renshaw.	Mate	Summerstown, Ont.	"	6 00
6474	" 10	Edmund Hicks	Master	Vancouver, B.C.	Vancouver, B.C.	15 00
6475	" 10	Stanley Maynard	Mate	Okanagan Landing B. C.	"	6 00
6476	" 10	Carl All	Master	Nanaimo, B.C.	Victoria, B.C.	15 00
6477	" 10	John McLean	Mate	Victoria, B.C.	"	6 00
6478	" 10	Gordon Weston	Master	Richibucto, N.B.	Yarmouth, N.S.	15 00
6479	" 10	John Dineen	Mate	Collingwood, Ont.	Collingwood, Ont.	6 00
6480	" 10	Thomas W. Conron	"	Feversham, Ont.	"	6 00
6481	" 20	Chester Coutts	Master	New Westminster, B.C	Victoria, B.C.	15 00
6482	" 20	Ernest Michaud	"	Richibucto	Yarmouth, N.S.	15 00
6483	" 20	Ernest Michaud	Mate	"	"	6 00
6484	" 20	Daniel C. Harris	Master	Gabarus, C.B., N.S.	"	15 00
6485	" 20	Laurence Thompson	"	Victoria, B.C.	Victoria, B.C.	15 00
6486	" 20	Joseph Lambert	"	"	"	15 00
6487	" 20	Dennis P. McCarthy	"	Goderich, Ont.	Toronto, Ont.	15 00
6488	" 20	Telesphore Martin	Master, T.C.	Point Fortune, P.Q.	Montreal, P.Q.	5 00
6489	" 20	Robert H. Johnston	"	Port Carling, Ont.	Collingwood, Ont.	5 00
6490	" 20	Manford E. Beattie	Mate	Wickham, N.B.	Yarmouth, N.S.	6 00
6491	" 20	Stanley Wright	Master T.C.	Wiarton, Ont.	Collingwood, Ont.	5 00
6492	" 20	Oscar Wannamaker	"	Lakefield, Ont.	Ottawa, Ont.	5 00
6493	" 20	Joseph Nadon	"	Montebello, Que.	"	5 00
6494	May 1	Lauchlin, McKay	Mate	Jordon Falls, N.S.	Yarmouth, N.S.	6 00
6495	" 1	Asa McLeod	"	Bay du Vin, N.B.	Charlottetown, P. E.I.	6 00
6496	" 1	Eldon C. Deware	Master	St. John, N.B.	Yarmouth, N.S.	15 00
6497	" 1	James Vincent Norris	"	Kingston, Ont.	Montreal, P.Q.	15 00
6498	" 1	Alfred Peter Ross	"	Father Point, P.Q.	"	15 00
6499	" 1	John Clarence Hutton	Mate	Vancouver, B.C.	Victoria, B.C.	6 00
6500	" 1	John Clarence Hutton	Master	"	"	15 00
6501	" 1	James Darling	Mate	Collingwood, Ont.	Totonro, Ont.	6 00
6502	" 1	Edward Reid	"	Bayfield ,Ont.	Collingwood, Ont.	6 00
6503	" 1	Fred Dalby	Master	Toronto, Ont.	Toronto, Ont.	15 00
6504	" 1	Solomon Thompson	"	"	"	15 00
6505	" 1	Charles Churchill	Mate	H.M. C.C. *Constance* Halifax, N.S.	Halifax, N.S.	6 00
6506	" 1	Hector Charbonneau	Master	Sorel, P.Q.	Montreal, P.Q.	15 00
6507	" 1	Frank Curwin	"	Chatham, N.B.	Charlottetown, P. E.I.	15 00
6508	" 1	Andrew Johnstone	"	Vancouver, B.C.	Vancouver, B.C.	15 00
6509	" 1	Andrew Sinclair	Mate	"	"	6 00
6510	" 1	Frank Mechan	"	"	"	600
6511	" 1	George William Frost	Master	Ocean Falls, B.C.	"	15 00
6512	" 1	Herbert Joseph Hickey	"	Toronto, Ont.	Montreal, P.Q.	15 00
6513	" 1	Daniel William Brien	"	Victoria, B.C.	Victoria, B.C.	15 00
6514	" 1	Robert William La Vache.	"	West Arichat, N.S.	North Sydney, N S.	15 00
6515	" 1	Robert William La Vache.	Mate	"	"	6 00
6516	" 16	George Ball Naylor	Master	Winnnipeg, Man.	West Selkirk, Man	15 00
6517	" 16	Joseph Goss	Master T.C.	Halifax, N.S.	Halifax, N.S.	5 00
6518	" 16	Albert F. Stanton	"	Port Stanton, Ont.	Collingwood, Ont.	5 00
6519	" 16	Robert Nelson Anderson	Master	Port Elgin, N.B.	Charlottetown, P. E.I.	15 00
6520	" 16	William John Merchant.	"	Pembroke, Ont.	Montreal, P.Q.	15 00
6521	" 16	William Victor Bongard	"	Picton, Ont.	"	15 00
6522	" 16	Charles Britton	Master T.C.	Sturgeon Falls, Ont.	Ottawa, Ont.	5 00
6523	" 16	Charles McLeod	"	Cumberland, Ont.	Montreal, P.Q.	5 00

LIST of Certificates of Competency issued to Masters and Mates of Inland and Coasting Vessels during the months ended March 31, 1912.—*Continued.*

No. of certificate	Date of certificate.	Name.	Grade.	Address.	Where examination was passed.	Fee.
	1911					$ cts.
6524	May 16	William Cooke	Master, T.C.	Grevnille, P.Q.	Ottawa, Ont.	5 00
6525	" 16	Albert Simard	Master	St. Alexis, P.Q.	Quebec	15 00
6526	16	Hylas Boudreault	"	Anse St. Jean, P.Q.	Quebec	15 00
6527	" 16	Gedeon Lajoie	"	Chicoutimi, P.Q.	Chicoutimi, P.Q.	15 00
6528	" 16	Arthur Gagnon	"	"	"	15 00
6529	" 16	Henri Morin	"	St. Henri de Taillon, P.Q.	"	15 00
6530	" 16	Willie Deschenes	"	Ste. Anne de Chicoutimi, P.Q.	"	15 00
6531	" 16	George Lindsay	"	Roberval, P.Q.	"	15 00
6532	" 16	David Pilote	"	St. Alphonse, P.Q.	"	15 00
6533	" 16	Joseph Boudreault	"	Anse St. Jean, P.Q.	"	15 00
6534	" 29	John Joseph Smith	"	Kamloops, B.C.	Nelson, B.C.	15 00
6535	" 29	Harris W. Moore	"	Bear River, N.S.	Yarmouth, N.S.	15 00
6536	" 29	Howard Bayers	Mate	Head of Jeddore, N.S	Halifax, N.S.	6 00
6537	" 29	J. A. Daniel Anthony	"	C. G. S. *Curlew*	"	6 00
6538	" 29	George W. Colwell	Master	St. John, N.B.	Yarmouth, N.S.	15 00
6539	" 29	John Idavain	"	Vancouver, B.C.	Vancouver, B.C.	15 00
6540	" 29	John Mitchell	Mate	Victoria, B.C.	Victoria, B.C.	6 00
6541	" 29	Fred Watts	Master T.C.	Collingwood, Ont.	Collingwood Ont.	5 00
6542	" 29	Robert Monkhouse	"	Manitowaning, Ont.	Ottawa, Ont.	5 00
6543	June 8	John Standly	"	Banff, Alberta,	Kenora, Ont.	5 00
6544	" 8	Albert Giroux	"	Kenora, Ont.	"	5 00
6545	" 8	Roderick S. McLellan	Mate	New Westminster, B.C	Vancouver, B.C.	6 00
6546	" 8	James Hunter	Master	Victoria, B.C.	"	15 00
6547	" 8	Remi Laforest	"	St. Ignace Loyola, P.Q.	Montreal, P.Q.	15 00
6548	" 8	William A. Poole	"	Halifax, N.S.	Halifax, N.S.	15 00
6549	" 8	Edward Trask Terfry	Mate	Sommerville, N.S.	"	6 00
6550	" 8	C. A. Shephard	"	Georgeville, P.Q.	Montreal, P.Q.	6 00
6551	" 14	Charles Edward Prince	"	Vancouver, B.C.	Vancouver, B.C.	6 00
6552	" 14	Donald John Morrison	"	Proctor, B.C.	Nelson, B.C.	6 00
6553	" 23	Walter Leslie	"	Strathcona, Alta.	Edmonton, Alta.	6 00
6554	" 27	Harry S. Miller	Master T.C.	Severn Bridge, Ont.	Collingwood, Ont.	5 00
6555	July 4	Harold A. Kelly	Master	Kippewa, P.W.	Montreal, P.Q.	15 00
6556	" 10	William E. Gesner	"	Bridgetown, N.S.	Yarmouth, N.S.	15 00
6557	" 10	Arnold Robert Henry	Mate	Prescott, Ont.	Montreal, P.Q.	6 00
6558	" 17	William L. Curry	"	Owen Sound, Ont.	Collingwood, Ont.	6 00
6559	" 24	John Wharry	Master	"	"	15 00
6560	" 24	Harry F. Mosher	"	Victoria, B.C.	Halifax, N.S.	15 00
6561	Aug. 2	Simon Cimon	Master T.C.	Roberval, P.Q.	Quebec, Que.	5 00
6562	" 2	Dow Elyea	Master	Mair's Mills, Ont.	Collingwood, Ont.	15 00
6563	" 2	Robert John Bryan	"	Westport, Ont.	Ottawa, Ont.	15 00
6564	" 2	George Edward Dicks	"	North Sydney, N.S.	North Sydney, N.S.	15 00
6565	" 2	Israel Desforges	Master, T.C.	Calumet, P.Q.	Ottawa, Ont.	5 00
6566	" 2	Leslie, Anderson	Mate	Victoria, B.C.	Victoria, B.C.	6 00
6567	Aug. 2	Richard Joseph Hickey	"	Victoria, B.C.	"	6 00
6568	" 18	Daniel McLaine	Master	Louisburg, C. B., N.S	North Sydney, N.S.	15 00
6569	" 18	Donald Scorgie	"	Vancouver, B.C.	Vancouver, B.C.	15 00
6570	" 18	Peter Scott	"	Vancouver, B.C.	"	15 00
6571	" 18	Victor Percival	Mate	Kingston, Ont.	Montreal, P.Q.	6 00
6572	" 18	Aime Lacroix	"	Montreal, P.Q.	"	6 00
6573	" 18	Pierre Champagne	Master	Lanoraie, P.Q.	"	15 00
6574	" 29	Carl Harmanson	Mate	Sarnia, Ont.	Windsor, Ont.	6 00
6575	" 31	Roderick Campbell	"	Procter, B.C.	Nelson, B.C.	6 00
6576	" 31	Eloi J. LeBlanc	Master	Wedgeport, N.S.	Yarmouth, N.S.	15 00
6577	" 31	Benjamin Haines	"	St. John, N.B.	"	15 00
6578	Sep. 16	Bartle Patrick McGuirk	Mate	547 Hillside Avenue, Victoria, B.C.	Victoria, B.C.	6 00
6579	" 16	Ernest E. Pollard	Master	Rosemount Rooms, Pender Street, W., Vancouver, B.C.	Vancouver, B.C.	15 00

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LIST of Certificates of Competency issued to Masters and Mates of Inland and Coasting Vessels during the twelve months ended March 31, 1912—*Continued.*

No. of certificate	Date of certificate.	Name.	Grade.	Address.	Where examination was passed.	Fee.
	1911					$ cts.
6580	Sept. 16	Ernest E. Pollard	Mate	Rosemount Rooms, Pender St. W., Vancouver, B. C.	Vancouver, B. C.	6 00
6581	" 16	John Guy	"	Co. R. C. Elkins, St. John, N. B.	Yarmouth, N. S.	6 00
6582	" 16	Henry Blothamley	"	Victoria, B. C.	Victoria, B. C.	6 00
6583	" 16	George Harvey Brickenden	Master T. C.	Charlton, New Ont.	Ottawa, Ont.	5 00
6584	" 16	Ezra Groleau	Master	5th St., West, Vancouver, B.C.	Vancouver, B. C.	15 00
6585	" 20	John J. Mulligan	Mate	1003 McLean Drive, Vancouver, B. C.	"	6 00
6586	" 20	John J. Mulligan	Master	1003 McLean Drive, Vancouver, B. C.	"	15 00
6587	" 20	Joseph James Ingoldsby	Mate	631 Jackson Avenue, Vancouver, B. C.	"	6 00
6588	" 20	Joseph James Ingoldsby	Master	631 Jackson Avenue, Vancouver, B. C.	"	15 00
6589	" 20	Christian Martin Knutson	"	2 St., North, Kenora, Ont.	West Selkirk, Man	15 00
6590	Oct. 19	Charles Theodore Gouin	Master	St. Ours, P. Q.	Montreal, P. Q.	15 00
6591	" 19	James Newman	Mate	Victoria, B. C.	Victoria, B. C.	6 00
6592	" 19	Darius Barry	Master	Vancouver, B. C.	"	15 00
6593	" 19	John McPhail	Mate	Victoria, B. C.	"	6 00
6594	" 19	Peter Laurance Leslie	"	Victoria, B. C.	"	6 00
6595	" 19	James Edward Cole	"	Port Grenville, N. S.	Yarmouth, N. S.	6 00
6596	" 19	Arthur Swim	Master	Lockeport, N.S.	"	15 00
6597	" 19	John Weymouth Trahair	Mate	North Vancouver, B. C.	Vancouver, B. C.	6 00
6598	" 19	John Baillies	Master	South Vancouver, B. C.	"	15 00
6599	" 21	Mark Pike	"	Victoria, B. C.	Victoria, B. C.	15 00
6600	Nov. 3	George Albert Graham	Master	Denman Island, B. C.	"	15 00
6601	" 17	Carl J. R. Kohler	Mate	Lunenburg, N. S.	Yarmouth, N. S.	6 00
6602	" 24	Patrick Campbell	Master	St. Peters, C. B., N. S.	Charlottetown, P. E. I.	15 00
6603	" 24	Venanzio Martinolick	"	Port Guichon, B. C.	Vancouver, B. C.	15 00
6604	" 24	Arthur Deschenes	Mate	Tadousac, Que.	Montreal, Que.	6 00
6605	Dec. 1	Angus McKinnon	"	S. S. '*Slocan*, B. C.	Nelson, B. C.	6 00
6606	" 1	Ovila Lanoue	Master	Kenora, Ont.	West Selkirk, Man.	15 0
6607	" 5	John George McEwen	"	Georgeville, P. Q.	Montreal, P. Q.	15 00
6608	" 5	Mederic Pilote	"	Chicoutimi, Que.	"	15 00
6609	" 6	Asa Hurst	Mate	Port Hilford, N. S.	Halifax, N. S.	6 00
6610	" 14	Fritz Johnson	Master	New Westminster, B. C.	Victoria, B. C.	15 00
6611	" 14	Fritz Johnson	Mate	New Westminster, B. C.	"	6 00
6612	" 14	Hugh Matheson	"	Vancouver, B. C.	Vancouver, B. C.	6 00
6613	" 14	Joseph Hurlung	Master	New Westminster, B. C.	"	15 00
6614	" 14	Henry Lytle	"	Vancouver, B. C.	"	15 00
6615	" 14	Henry Lytle	Mate	Vancouver, B. C.	"	6 00
6616	" 14	Darius Smith	"	Vancouver, B. C.	"	6 00
6617	" 14	Archie J. McDonald	"	Collingwood, Ont.	Collingwood, Ont.	6 00
6618	" 18	Lauchlin McKay	Master	Shelburne, N. S.	Yarmouth, N. S.	15 00
6619	" 18	Augustin A. LeBlanc	Mate	Church Point, N. S.	"	6 00
6620	" 18	Frederick Joseph Yorke	Master	Winnipeg, Man.	West Selkirk, Man.	15 00
6621	" 18	Arthur Lalonde	"	St. Henri, Que.	Montreal, Que.	15 00
6622	" 21	Edmond Lauzon	"	St. Anne de Bellevue, Que.	"	15 00
6623	" 27	Harry Jones	"	Vancouver, B. C.	Vancouver, B. C.	15 00
6624	" 27	John Sears Raymond	"	Vancouver, B. C.	"	15 00
6625	" 27	George Hindman	"	Owen Sound, Ont.	Collingwood, Ont	15 00

LIST of Certificates of Competency issued to Masters and Mates of Inland and Coasting Vessels during the twelve months ended March 31, 1912—*Continued.*

No. of certificate	Date of certificate.	Name.	Grade.	Address.	Where examination was passed.	Fee.
	1911					$ cts.
6626	Dec. 27	Lezin R. Mallett	Mate	Yarmouth, N. S.	Yarmouth, N. S.	6 00
6627	" 27	Amos Sabean	Master	Port Medway, N. S.	"	15 00
6628	" 27	Henry McGuirk	Mate	Victoria, B. C.	Victoria, B. C.	6 00
6629	" 27	Wilfred Hicks	"	Vancouver, B. C.	"	6 00
6630	" 27	Llewelyn Sheppard	"	Victoria, B. C.	"	6 00
6631	" 27	Willie Levesque	Master	Chicoutimi, Que.	Montreal, Que.	15 00
6632	" 27	Wallace G. Rockwell	"	River Hebert, N. S.	Yarmouth, N. S.	15 00
6633	Jan. 2	3William G. Bartley	Master	Winnipeg, Man.	West Selkirk, Man.	15 00
6634	" 23	Stewart Noel	"	Victoria, B. C.	Victoria, B. C.	15 00
6633	" 23	Stewart Noel	Mate	Victoria, B. C.	"	6 00
6636	" 23	John Daniel McPhee	"	Victoria, B. C.	"	6 00
6637	" 23	Frederick Starkey	"	Vancouver, B. C.	Vancouver, B. C.	6 00
6638	" 23	Theodule Lepine	Master	St. Anne de Bellevue, P. Q.	Montreal, P. Q.	15 00
6639	" 23	Benson Rowe	"	Vancouver, B. C.	Vancouver, B. C.	15 00
6640	" 23	Thomas John Griffiths	"	Vancouver, B. C.	"	15 00
6641	" 2	3Thomas John Griffiths	Mate	Vancouver, B. C.	"	6 00
6642	" 23	Hugh Alcorn	Master	Harvey, Albert Co., N. B.	Yarmouth, N. S.	15 00
6643	" 23	Edward A. Leblanc	Mate	Harbour Bouchie, Antigonish Co., N.S	"	6 00
6644	" 23	George Reginald Holland.	Master	Ottawa Ont.	Ottawa, Ont.	15 00
6645	" 23	George Reginald Holland.	Mate	Ottawa, Ont.	"	6 00
6646	" 23	John Middleton Guild	Master	Kingston, Ont.	Montreal, P. Q.	15 00
6647	" 23	William Henry Phillips	"	Kingston, Ont.	"	15 00
6648	" 23	James Cochrane	Mate	Kingston Ont.	"	6 00
6649	" 23	John Mullen	Master	Kingston, Ont.	"	15 00
6650	" 26	Gordon Scott Hopkins	"	Vancouver, B. C.	Vancouver, B. C.	15 00
6651	Feb. 13	Donald McKay	Mate	Okanagan Landing, B. C.	Nelson, B. C.	6 00
6652	" 13	William John Kirkwood	Master	Kingston, Ont.	Montreal, P. Q.	15 00
6653	" 13	Edward Mabbs	Mate	Victoria, B. C.	Victoria, B. C.	6 00
6654	" 13	Lawrence Gray	Master	Victoria, B. C.	"	15 00
6655	" 13	Sigvald Salveson	"	Vancouver, B. C.	Vancouver, B. C.	15 00
6656	" 13	Sigvald Salvesen	Mate	Vancouver, B. C.	"	6 00
6657	" 13	Richard Smith	Master	Vancouver, B.D.	"	15 00
6658	" 13	Edward Sloane	Master	Vancouver, B. C.	"	15 00
6659	" 13	Edward Sloane	Mate	Vancouver, B. C.	"	6 00
6660	" 13	Ernest F. Raeburn	Master	Sault St. Marie, Ont.	Collingwood, Ont.	15 00
6661	" 13	Joseph A. Arseneau	Mate	St. John, N. B.	Yarmouth, N. S.	6 00
6662	" 13	Herald Stanley Kennedy.	Master	Collingwood Ont.	Collingwood, Ont.	15 00
6663	" 13	Frederick Hedderick	"	Windsor, Ont.	"	15 00
6664	" 13	Jean Baptiste Lebocuf	Mate	St. Timothee Beauharnois, P. Q.	Montreal, P. Q.	6 00
6665	" 13	Harly Edwin Ingersol	Master	Grand Manan, N. B.	Yarmouth, N. S.	15 00
6666	Feb. 13	William H. McKinlay	Master	Hantsport, N.S.	"	15 00
6667	" 13	George B. Springer	"	St. John, N.B.	"	15 00
6668	" 19	Edgar Wallace Rankin	Mate	Montreal, P.Q.	Montreal, P.Q.	6 00
6669	" 19	Hartford D. Laughlin	Master	Midland, Ont.	Collingwood, Ont.	15 00
6670	" 19	Henry Carr Cartmell	"	Chilliwack, B.C.	Vancouver, B.C.	15 00
6671	" 19	James McKenna	Mate	Vancouver, B.C.	"	6 00
6672	" 19	RobertWilliam H.Lloyd	Master	"	"	15 00
6673	" 19	" " "	Mate	"	"	6 00
6674	" 19	Farley Harrison Scanlan	Master	Port Burwell, Ont.	Toronto, Ont.	15 00
6675	" 19	Oscar William Patterson	"	Toronto, Ont.	"	15 00
6676	" 19	ThomasSelby Patterson	"	"	"	15 00
6677	" 19	HaroldArthur Patterson	"	"	"	15 00
6678	" 19	Thompson Campbell	Mate	Adamsville, Ont.	"	6 00
6679	" 19	HenrABranscombeHunt	Master	Gore Bay, Ont.	"	15 00
6680	" 19	Herbert James Aitken	"	Courtright, Ont.	"	15 00
6681	" 19	Ewan McEwan	Mate	Toronto, Ont.	"	6 00

SESSIONAL PAPER No. 21

LIST of Certificates of Competency issued to Masters and Mates of Inland and Coasting Vessels during the twelve months ended March 31, 1912.—*Concluded.*

No. of certificate	Date of certificate.	Name.	Grade.	Address.	Where examination was passed.	Fee.
	1911					$ cts.
6682	Feb. 19	Paul Tremblay	Mate	Quebec, Que	Montreal, P.Q.	6 00
6683	" 19	George Stalker	"	Penetanguishene, Ont.	Collingwood, Ont.	6 00
6684	" 19	Gilbert C. Ostrom	"	Owen Sound, Ont	"	6 00
6685	" 19	Ernest Shannon	Master	Collingwood, Ont	"	15 00
6686	" 19	Frank Waller	Mate	Victoria, B.C	Victoria, B.C	6 00
6687	" 19	Robert T. Watters	"	St. John, N.B	Yarmouth, N.S	6 00
6688	" 26	Bertie Owen Jones	Master	Vancouver, B.C	Vancouver, B.C	15 00
6689	" 26	George Findlay	"	Corunna, Ont	Ottawa, Ont	15 00
6690	" 27	Addison M. Sparling	Mate	Collingwood, Ont	Collingwood, Ont.	6 00
6691	" 27	John H. Solery	Master	"	"	15 00
6692	Mar. 8	Frank A. Garrett	Mate	"	"	6 00
6693	" 8	Walter Jacob Holler	"	Hope Bay, Ont	"	6 00
6694	" 8	Stuart Matheson	Master	Sault Ste. Marie, Ont.	"	15 00
6695	" 8	Raymond Mateer	Mate	Wiarton, Ont	"	6 00
6696	" 8	William Henry Montgomery.	Master	Collingwood, Ont	"	15 00
6697	" 8	William Honsberger	Mate	Angus, Ont	Toronto, Ont	6 00
6698	" 8	Joseph Napier	"	Collingwood, Ont	Collingwood, Ont.	6 00
6699	" 8	Wilford Jewitt	Master	Penetanguishene, Ont.	"	15 00
6700	" 8	Allan Bell Montgomery.	Mate	Collingwood, Ont	"	6 00
6701	" 8	John Strong Denton	Master	Port Dalhousie, Ont	Toronto, Ont	15 00
6702	" 8	Horace Grantley West	Mate	Toronto, Ont	"	6 00
6703	" 8	William Taylor	Master	Waubuno, Ont	"	15 00
6704	" 8	John Allan Ewart	Mate	Toronto, Ont	"	6 00
6705	" 8	Daniel F. Cornett	"	Owen Sound, Ont	"	6 00
6706	" 8	Norman McKay	Master	"	"	15 00
6707	" 8	Adolphe Mallette	"	Oka, P.Q	Montreal, P.Q	15 00
6708	" 8	Robert Graham	Mate	Collingwood, Ont	Collingwood, Ont.	6 00
6709	" 8	Emmanuel Leduc	Master	Valleyfield, P.Q	Montreal, P.Q	15 00
6710	" 8	Arthur Dumas	"	Contrecoeur, P.Q	"	15 00
6711	" 8	Robert Thomson	"	Victoria, B.C	Victoria, B.C	15 00
6712	" 8	Stephen Kenneth Gray	Mate	"	"	6 00
6713	" 14	Frank Bruce Cameron	Master	Collingwood, Ont	Collingwood, Ont.	15 00
6714	" 14	George Bunting	"	"	"	15 00
6715	" 14	John Lean McPherson	"	"	"	15 00
6716	" 14	Peter Duncan McDonald	Mate	Gibralter, Ont	"	6 00
6717	" 14	Albro E. DeMill	"	Portsmouth, Ont	"	6 00
6718	" 14	Byron Getson	"	LaHave, N.S	Halifax, N.S	6 00
6719	" 14	Kenneth B. MacLean	"	Margaretville, N.S	Yarmouth, N.S	6 00
6720	" 14	Neil Percival	"	Vancouver, B.C	Vancouver, B.C	6 00
6721	" 14	James Roach	"	Southport, P.E.I	Charlottetown, P.E.I.	6 00
6722	" 14	Herbert Allen Ormiston	"	Victoria, B.C	Victoria, B.C	6 00
6723	" 14	Thos. Carr MacDonald	Master	"	"	15 00
6724	" 14	John Blakely	Mate	Golden, B.C	Toronto, Ont	6 00
6725	" 14	Charlie Moore	"	Toronto, Ont	"	6 00
6726	" 14	Raymond B. Boutilier	"	"	"	6 00
6727	" 14	John Galloway	Master	Sault Ste. Marie, Ont.	"	15 00
6728	" 20	Andrew A. D'Eon	"	West Pubnico, N.S	Yarmouth, N.S	15 00
6729	" 20	Frederick L. Nickerson	"	Yarmouth, N.S	"	15 00
6730	" 20	Claire Armstrong	Mate	Toronto, Ont	Toronto, Ont	6 00
6731	" 20	Albert MacDonald	"	"	"	6 00
6732	" 20	Robert Laing	Master	Salem, Ont	"	15 00
6733	" 20	Robert McCreary	Mate	Toronto, Ont	"	6 00
6734	" 20	Albert Barrett	"	"	"	6 00
6735	" 20	Lewelyn Bragg	"	Halifax, N.S	Halifax, N.S	6 00
6736	" 20	Alban Chapman	"	Ship Harbour, N.S	"	6 00
6737	" 20	Clarence O'Hara	"	Isaacs Harbour, N.S	"	6 00
6738	" 20	James Arthur Nixon	Master	Vancouver, B.C	Victoria, B.C	15 00
6739	" 20	John Joseph Flood	Mate	Victoria, B.C	"	6 00
6740	" 20	Donald Wm. Stewar	Master	St. Peter's, N.S	N.S. North Sydney	15 00
6741	" 22	John Daigneault	Mate	St. Zotique, P.Q	Montreal, P.Q	6 00

APPENDIX No. 11.

MARINE SCHOOLS.

OTTAWA, June 10, 1912.

A. JOHNSTON, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ontario.

SIR,—I have the honour to submit the annual report of attendance at lectures, &c., given at the marine schools established at the various ports of the Dominion, under the supervision of the Marine and Fisheries Department.

There have been seven schools, at six of which lectures on Navigation and Seamanship were delivered during the winter, and one at Quebec where candidates were prepared for examinations for masters' and mates' certificates. The latter school was opened for two months, and twenty-two names appear on the attendance list, seven of this number being the only ones qualified as to the service required, passing their examinations. The total attendance at the lectures was 1,733.

There seems to be a gradual falling off in the number of attendance at the lectures as the subjects, although taken from the ordinary work which is pursued in the everyday routine on ships, both coasting and foreign, do not seem to appeal to the young seamen at present, as the lack of education prevents their understanding any of the subjects lectured on, and this probably accounts for the lack of interest in the work shown by the small attendance, and the fact that the lectures were not commenced as early as usual, owing to the possible changes in the personnel of the staff by the proposed re-organization of the examiners.

The result, I am sorry to say, is disappointing, and it will be noted that Vancouver seems to be the only place where the work of the department is appreciated.

The attached statement will show the number of lectures given, and the minimum and maximum, as well as average and total attendance.

I have the honour to be, sir,

Your obedient servant,

H. ST. LINDSAY,
Superintendent.

Schools.	Lectures.	Maximum.	Minimum.	Average.	Total.
Halifax, N.S.	22	18	2	10·5	231
North Sydney, N.S.	27	13	2	6·5	172
Yarmouth, N.S.	26	7	0	4·5	117
Collingwood, Ont.	22	16	6	12	263
Victoria, B.C.	25	17	7	9·7	243
Vancouver, B.C.	34	45	10	20·8	707
Total	156	116	27	64	1,733

APPENDIX No. 12.

REPORT OF THE WRECK COMMISSIONER.

April 18, 1912.

A. JOHNSTON, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of investigations into causes of wrecks and casualties which occurred during the year beginning April 1, 1911, to April 1, 1912.

It will be noted that all casualties during that period necessitating inquiries, have been dealt with either in a preliminary or formal manner.

I have the honour to be, sir,

Your obedient servant,

(Sgd.) L. A. DEMERS,
Wreck Commissioner.

Departmental inquiries during the year	5
Preliminary inquiries during the year	45
Formal investigations during the year	26
Total	76

Annual report of investigations into wrecks and casualties which occurred to Canadian and Foreign vessels in Canadian waters during the fiscal year 1911-12.

Date of casualty.	Name of ship.	Registered port.	Where casualty happened.	Investigation.	Result.
May 30..	Amur.....	Victoria, B.C.....	Stranded—Wrangle Narrows, Alaska.	Prel., Capt. Gaudin.....	Facts not warranting a formal investigation.
June 28..	Aranmore and General Wolfe.	Glasgow, G.B.....	Collided off Murray Bay, St. Lawrence river.	Formal, Capt. Demers .	Captain and first officer of *General Wolfe* had their certificates cancelled for ever.
July 22..	Amethyst.....	Montreal, P.Q.....	Stranded—Cape Mutton, Nfld.	Prel. and formal, Capt. Riley, Capt. Demers.	Captain and mate had their certificates suspended captain for 18 months and mate for 16 months.
Aug. 21..	Alaska and Ionian.....	Sackville, N.B.....	Contravention of Rules of the Road—Bay of Fundy, N.S.	Prel., Capt. Demers....	Captain of the *Alaska* severely reprimanted. Court suggested the regulating of length of tows in River St. Lawrence stretches.
Aug. 26..	Albatros and Martin....	.....	Collided—Georgian Bay.....	Prel., Capt. Coles.....	Formal investigation could not be held.
Jan. 19..	Atlantic and Gasoline	Lunenburg, N.S.....	Collided near George Island, Halifax Harbour, N.S.	Prel., Capt. Lugar.....	Facts not warranting a formal investigation.
Mar. 24..	Bruce.....	St. John, Nfld.....	Stranded off Seatarie Island, N.S.	Prel., Capt. Gordon.....	Wreck Commissioner had no jurisdiction to hold formal investigation.
July 16..	Ben Earn.....	Glasgow, G.B.....	Wrecked—Half Moon Rocks, N.S.	Prel. and formal, Capt. Murphy, Capt. Demers	The master was censured in this case.
Mar. 16..	Bonavista.....	Montreal.....	Wrecked—Black Cove, N.S...	Prel., Capt. Lugar.....	Formal investigation to be held later.
Mar. 30..	Benin.....	.....	Grounded—St. John Harbour, N.B.	Prel., Capt. Lugar.....	Pilot's certificate has been suspended for six months by St. John Pilotage Authority.
Jan. 5..	Caspian.....	.....	Grounded—Lake Ontario.....	Prel., Capt. Coles.....	Facts not warranting a formal investigation.
July 14..	Carrigan Head.....	Belfast, G.B.....	Grounded—Barnaby Island P.Q.	Prel. and formal, Capt. Riley, Capt. Demers.	Pilot A. T. Simard, of Quebec Pilotage Authority warned for an error of judgment.
Aug. 3..	Cambodia.....	Grimsby.....	Stranded—Flag Island.....	Prel., Capt. Lugar.....	Facts not warranting a formal investigation.
Oct. 12..	Celtic.....	Vancouver, B.C.....	Stranded—Noble Island, Goletas Channel	Prel. and formal, Capt. Gaudin.	Mate's certificate was suspended for four months.
Aug. 26..	Clark and Leonore.....	.....	Collided—Toronto harbour....	Formal, Capt. Demers .	Owner of Leonore found responsible for collision and condemned.
Oct. 6..	Corunna.....	Gloucester, U.S.A....	Stranded—Mersey River, N.S.	Formal, Capt. Deme s	Master and mate had their certificates suspended; master for four months and mate for one year.
May 1..	Daigle.....	.....	Wrecked—River St. John, N.B	Prel., Capt. Demers....	Facts not warranting a formal investigation.
May 10..	Davidson, A. D.....	.....	Stranded—Lachine Lake, P.Q.	Prel., Capt. Riley.....	Facts not warranting a formal investigation.
Oct. 17..	Emperor.....	Midland, O.....	Sank—Sault St. Mary, Ont...	Formal, Capt. Demers.	Officers exonerated.
Oct. 25..	Electra.....	Charlottetown, P.E.I.	Stranded—Margaree Island, N.S.	Prel., Capt. Lugar.....	Facts not warranting a formal investigation.
Apr. 1..	Firefly and King Edward.	.....	Collided—Fraser River.....	Prel. and formal, Capt. Eddie, Capt. Gaudin.	Captains of both vessels were severely reprimanded.
July 6..	Guide and Cape Breton.	Lunenburg, N.S.....	Collided—Halifax Harbour....	Prel., Capt. Lugar.....	Formal investigation could not be held.
Nov. 8..	Gaspesian.....	Quebec.....	Stranded—Ste. Anne des Monts P.Q.	Prel., Capt. Riley.....	Facts not warranting formal investigation.

June 5..	Helvetia and Cascapedia	.....	Contravention of Rules of the Road.	Prel., Capt. Riley.....	Facts not warranting formal investigation.
June 29..	Heathcote.....	Sydney, N.S.....	Grounded—Entrance of Bras-d'Or.	Prel., Capt. Gordon.....	Facts not warranting formal investigation.
Mar. 20..	Heathcote and Malmstad.	Sydney, N.S., Norway.	Collided—Louisburg Harbour.	Prel., Capt. Lugar.....	Formal investigation to be held later.
Aug. 20..	Hero and Chieftain III.	Bergen, Norway.	Collided off St. Antoine Light, St. Lawrence River.	Formal, Capt. Demers .	Pilot Hamelin (not licensed) of *Chieftain III*, censured. Master of *Chieftain* had his certificate suspended for two years.
Oct. 23..	Hallowdan.....	.....	Stranded—Fourchu Head,C.B	Prel., Capt. Lewis.....	Facts not warranting formal investigation.
Apr. 10..	Iroquois.....	Victoria, B.C.....	Capsized off Shell Island, B.C.	Prel. and formal, Capt. Eddie, Judge Martin.	Master's certificate cancelled; mate's certificate suspended for six months and engineer's certificate suspended for nine months.
Aug. 20..	Ida May.....	.....	Grounded near Orleans Island, P.Q.	Formal, Capt. Demers.	Pilot I. Noel, of Quebec Pilotage Authority, fined
Sept. 26..	Isle Worth.....	.....	Grounded near Long Point, P.Q.	Prel., Capt. Riley.....	Facts not warranting formal investigation.
Mar. 14..	Isleworth.....	London.....	Foundered—Chebucto Head,	Prel., Capt. Lugar.....	Facts not warranting formal investigation.
June 5..	Ile D'Estric.....	.....	Stranded—Halifax Harbour, N.S.	Prel., Capt. Lugar.....	Wreck Commissioner no jurisdiction to hold formal investigation.
Sept. 20..	Lake Manitoba and Corunna.	Liverpool.....	Collided—Montreal Harbour..	Prel., Capt. Riley.....	Formal investigation could not be held.
Oct. 27..	Lake Champlain.....	Liverpool.....	Grounded off Longueuil Reef P.Q.	Formal, Capt. Demers.	Pilot Albert Gagnon, of Montreal Pilotage Authority, censured.
June 2..	Manchester Spinner.....	Manchester.....	Stranded off White Island Reef St. Lawrence River.....	Prel. and formal, Capt Riley, Capt. Demers .	Pilot Phileas Lachance, of Quebec Pilotage Authority, fined. Second officer also warned.
July 5..	Morien.....	Liverpool.....	Grounded—Bulls Bluff, N.S...	Prel. and formal, Capt. Lugar, Capt. Demers.	Master has been censured in this case.
Sept. 12..	Morien.....	Liverpool.....	Grounded—Bay of Fundy, N.S	Prel., Capt. Lugar.....	Facts not warranting a formal investigation.
Mar. 26..	Monitor and Fingal.....	.....	Collided—Prospect Point,B.C.	Prel., Capt. Eddie.....	Facts not warranting a formal investigation....
Mar. 28..	Margaret.....	.....	Stranded near Pope's Harbour, N.S.	Prel., Capt. Lugar.....	Facts not warranting a formal investigation.
Oct. 23..	Noname and Iroquois....	.....	Collided—Fraser River.....	Prel. and formal, Capt. Eddie, Capt. Gaudin..	Master of *Noname* has been reprimanded.
Jan. 6..	Osamo and Yarmouth..	Yarmouth, N.S.....	Collided—St. John Harbour...	Prel. and formal, Capt. Murphy,Capt. Demers	Captains of both ships were censured.
Oct. 14..	Princess Beatrix.....	Victoria, B.C.....	Stranded—Noble Island, B.C.	Formal, Capt. Gaudin..	Mate's certificate suspended for six months.
Jan. 20..	Queen and Colomb.....	Quebec, Quebec.....	Collided—Quebec Harbour....	Prel., Capt. Riley.....	Captain of *Colomb* was reprimanded and ordered to undergo a sight-test examination.
Dec. 12..	Queen City.....	Victoria, B.C.....	Grounded—Barclay Sound, B.C.	Formal, Capt. Gaudin..	Chief officer Alex. Thompson cautioned. Was found guilty of an error of judgment.
Sept. 19..	Record.....	.....	Stranded—Main-a-Dieu.....	Prel,. Capt. Gordon.....	Wreck Commissioner has no jurisdiction to hold formal investigation.
Mar. 24..	Schelt.....	Vancouver, B.C.....	Capsized-Sooke Harbour,B.C.	Prel. and formal, Capt. Eddie, Judge Martin.	Remarks made by Court for the betterment of the steamboat inspection.
May 5..	Stormont.....	Montreal.....	Grounded off Long Point, P.Q.	Prel. and formal, Capt. Riley, Capt. Demers .	Pilot F. X. Rivard, of Montreal Pilotage Authority, had his branch certificate suspended for six months.
June 16..	Sinbad.....	Newcastle.....	Grounded—Lachance Point, Saguenay River.	Prel. and formal, Capt. Riley, Capt. Demers.	Pilot L. H. Lapierre, of Quebec Pilotage Authority, reprimanded.

Investigations into Wrecks and Casualties which occurred in Canadian waters—*Concluded.*

Date of casualty.	Name of ship.	Registered port.	Where casualty happened.	Investigation.	Result.
Sept. 30..	Strathlorne.....	.....	Stranded—Cheticamp Harbour, C.B.	Prel., Capt. Lugar.....	Facts not warranting a formal investigation.
Dec. 27..	St. Pierre Miquelon and Renwick.	Newcastle.....	Collided off Green Island, N.S.	Formal, Capt. Demers..	Captain of *St. Pierre Miquelon* found responsible for collision and reported to French Consul. Master and engineer of *Renwick* warned.
Jan. 25..	Storm King.....	Vancouver, B.C.....	Sank near Lund, B.C.....	Prel., Capt. Eddie.....	Facts not warranting formal investigation.
Mar. 21..	Storm King and Royal City.	.....	Collided—Dusk, B.C.....	Prel., Capt. Eddie.. ...	Facts not warranting formal investigation.
Feb. 2..	Titania.....	.....	Grounded—Stuard Island.....	Prel., Capt. Eddie.....	Facts not warranting formal investigation.
Nov. 17..	Turret Cape.....	Newcastle	Stranded near Cove Island, Lake Huron.	Formal, Capt. Demers..	Captain's certificate suspended for three months.
Sept. 17..	Venture.....	Glasgow.....	Grounded—Pender Island, B.C	Prel. and formal, Capt. Eddie, Capt. Gaudin..	Master's certificate suspended for six months and mate's certificate for four months.

APPENDIX No. 13.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, and to Canadian Sea-going Vessels in other Waters, from January 1 to December 1, 1911.

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
Apr. 16—	A. K. Maclan..... 116,539	5	Lunenburg, N.S...	Schr..... wood	176	Lunenburg–St. John, Nfl'd.	Off St. Esprit, C.B.	Foundered..... Master F. Remby	.....	Total loss, $8,000
Jan. 7..	Alva.....	1	Halifax, N.S.....	Schr..... steel steam	48	Dartmouth G. B.– Halifax, N.S.	Off Halifax Harbour	Struck sunken wreck	.....	Part. loss, $2,680
Mar. 16..	Archie Crowell.... 112,060	21	Shelburne, N.S...	Sshr..... wood sail	175	Barbadoes–Portland, Me.	Lat. 40·00 N..... Long. 71·20 W N. Atlantic	Loss of sails.....	.....	Part. loss.
Apr. 25..	Advance..... 112,060	9	Windsor, N.S.....	Schr..... wood sail	294	Moss Pt. Miss.– St. Vincent, W.I.	Long. 60·40 W..... Lat. 25 N Atlantic	Loss of sails..... Master Geo. H. Irving.	.....	Part. loss.
May 22..	Agonaire.....	.....	.....	Bgte..... wood sail	125	St. Pierre Miq.– Magd. Island.	20 miles S. of Magd. Island.	Collided.....	.....	Total loss.
Apr. 6..	Alkalins..... 103,731	14	Parrsboro, N.S...	Bqe..... wood sail	626	Philadelphia.....	South Greenland....	Stranded..... Mt. Chs. Jensen.	.....	Total loss.
May 30..	Amur..... 98,073	21	Victoria, B.C.....	Schr..... steel steam	517	Victoria, B.C.– Skagway.	56' 39 N..... 132' ·55 W. Wrangle Narrows. Alaska.	Stranded..... Mt. L. P. Locke.	.....	Part. loss.
July 28..	Aran,more..... 98,579	20	Glasgow, G.B....	F. & A.... iron steam	499.86	Quebec–Esquimaux Pt.	Off Murray Bay St. Lawrence Riv.	Collided..... Mt. J. Hearn.	.....	Part. loss.
July 22..	Amethyst..... 79,042	33	Montreal.....	Schr..... iron steam	894	Montreal–St. John, Nfl'd.	Cape Mutton, Nfl'd.	Stranded..... Mt. O. C. Bernier.	.....	Total loss.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, and to Canadian Sea-going Vessels in other Waters, from January 1 to December 1, 1911—*Continued.*

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
July 28..	Axa..... 130,341	New	Charlottetown, P.E.I.	Wood gas'ine	5		Northumberland St. P.E.I.	Burnt.....	.....	Total loss.
July 13..	Abeona..... 100,828	18	Bridgetown, Bdos	Bqte..... wood... sail	499	Salt Can.–Providence, U.S.A.	Turks Island, Atlc.	Leaking..... Mt. C. E. Byrnes.	.....	Part. loss.
Aug. 5..	Alaska..... 77,897	27	Sackville, N.B....	Schr..... wood sail	118	Newark, N.J.–Eatonville, N,S	Bay of Fundy.....	Stranded.....	.....	Part., $300.
Nov. 19..	Atkelia.....	14	Parrsboro, N.S...	Schr..... wood sail	40	Parrsboro–Avonport	Minas Basin, N.S...	Loss of sails.....	.....	Part., $150.
Nov. 16..	Arthur D. Storey.	26	Gloucester, U.S.A	Schr..... wood sail	75	Gloucester Fishing Grounds.	Lahave Bank, N.S.	Loss of sails..... Mt. Wm. Sloan.	.....	Part., $100.
Nov. 19..	Arkona.....	11	Gloucester U.S.A.	Schr..... wood sail	98	Gloucester–Gloucester.	Bay of Fundy.....	Loss of rudder and main gaff, master N. Wharton.	.....	Part., $150
Dec. 17..	Avon..... 94,724	23	Halifax, N.S.....	Schr..... wood steam	41·29	Ingram Port–Halifax, N.S.	Halifax Har.....	Foundered..... Mt. J. P. Murphy.	.....	Part.,$1,500.
Dec. 24..	Ambition..... 112,101	9	Lunenburg, N.S...	Schr..... wood sail	99	Halifax–St. Jacques, Nfl'd.	St. Pierre, Miq.....	Loss of sails..... Mast. Albert D. Dyett.	.....	Part., $200.
Nov. ..	Arkansas..... 116,499	8	Lunenburg, N.S...	Schr..... wood sail	98·32	Grand Bank, Nfl'd–Gibraltar.	Atlantic, O.....	Missing..... 6 lives lost	6	Total, $21,500.

Mar.	7	Boston.....	6	Norway.....	Schr..... iron steam	738	Jamaica, W.I.–Halifax, N.S.	Atlantic, O.....	Deck fittings swept away.	.....	Part., $800
Feb.	1	B. B. Hardwick.. 100,018	14	Annapolis, N,S....	Schr..... ..... sail	123	Port Clyde, N,S....	New Jersey, U,S,A.	Explosion on lighter at pier.	.....	Part., $300.
Mar.	22	Bruce..... 106,391	14	St. John, Nfl'd....	..... steel steam	343	Port au Basque Nfl'd.–Louisburg, N.S.	Off Scattarie, Isl., N.S.	Stranded..... life lost	1	Total loss.
July	16	Ben Earn..... 129,466	16	Glasgow.....	..... steel steam	2,661	Glasgow–St. John, N.B.	Half Moon Rock, Salvages, N,S.	Stranded..... Mast. H. L. Lockhart.	.....	Total loss.
Apr.	8	Beatrice..... 94,362	22	Pictou, N.S.....	Schr..... steel steam	353	Portland, Met.–Westport, N,S.	Hampton, Road, Va U.S.A.	Listed to Port..... Mt. E. W. Hickey	.....	No damage.
July	28	B. B. Hardwick.. 100,018	14	Annapolis, N,S....	Schr..... wood sail	123	Clementsport. N.S.. Boston, Mass.	110 E. Cape Ann N. Atlantic.	Yawl damaged..... Mt. J. N. Berry.	.....	Part., loss.
Aug.	22	Blew Wave..... 80,370	31	Parrsboro, N.S...	Schr..... wood sail	37	Parrsboro, N.S.–Windsor, N.S.	Cobequit Bay, N.S.	Stranded..... Mt. Geo. Bullward	.....	Total, $300.
Aug.	23	Beaver..... 100,056	20	St. John, N.B.....	Schr..... wood sail	192	Descousse, C.B.–Boston, Mas.	Boston Har.....	Stranded..... Mt. E. Pettipas.	.....	Part.
Dec.	2	Bengore Head.... 90,107	.....	Belfast.....	..... iron steam	1,619	Montreal–Belfas.. ..	Lake St. Peter St. Lawrence Riv.	Grounded..... Mt. J. C. Hoy.	.....	No damage.
Oct..	13	Beaver..... 100,056	.. 20	St. John. N.B.....	Schr..... wood sail	192	Liverpool, N.S.–Boston, Mass.	Off Cape Sable.....	Loss of sails..... Mt. E. Pettipas.	.....	
Oct.	9	Beatrice..... 114,032	.. 10	St. John.....	Bgte..... wood sail	98	Venison Isl.–Gibraltar.	51·30 N..... 37·06 W. Atlantic.	Watercocks carried away Mast. Thos. Fitzgerald.	.....	No. damage.
Sept.	13	Batoum..... 102,786	18	London, G.B.....	Schr..... iron steam	2,121	Port Arthur, U.S.A Belfast, G.B.	Near Halifax, N.S..	Furnaces leaking.... Mt. W. H. Luckhan.	.....	Part., $1,000.
Nov.	25	Berwindmoore.... 131,294	1	Liverpool, G.B...	Str..... steel steam	2,702	New Castle, G.B.–Philadelphia.	60 miles off Sable Isl	Rudder broken... Mast. H. J. Stanbridge.	.....	Part., $1,500.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, and to Canadian Sea-going Vessels in other Waters, from January 1 to December 1, 1911—*Continued.*

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
Dec. 15..	British Columbia. 119,063	8	Glasgow.....	Schr..... steel steam	219	Ladysmith–Union Bay.	Canor Rock Portiers Pass.	Struck logs. ..... Mt. G. Falconer.	.....	
Nov. 3..	Bessie Dollar..... 121,272	5	Victoria, B.C.....	4 Masts... steel steam	2,797	San Francisco–Union, B.C.	Everett Har.....	Stranded..... ..... Mt. C. H. Cross.	.....	
Dec. 14.	Belmont..... 98,630	20	Yarmouth, N.S..	Bqe..... steel sail	1,415	Boston, Mass.–Barbadoes.	S. Atlantic Oc.....	Collided..... Mt. F. A. Ladd.	.....	Part.
Feb. 2..	Comrade..... 25,325	11	Port Angeles, U.S.A.	..... wood gas'ne..	9	Seatle, Wash.–Ketchikan, Als.	Cliff Isl., B.C.....	Burnt.....	.....	Total.
Mar. 18..	Czar..... 103,907	14	Victoria, B.C.....	Tug wood steam	93	Union Bay, B.C.–Vancouver, B.C...	Vancouver.....	Stranded..... Mt. F. R. Springall.	.....	Part., $2,500.
Dec. 11..	Carundelet..... 125,077	3	8 American.....	Schr..... wood barge	1,314	Ladysmith–Prince Rupert	Near Prince Rupert, B.C.	Foundered..... Mt. H. A. Freig.	.....	
Sept. 8..	Cromarty.....	19	New Castle on Tyne, G.B.	Schr..... steel steam	S 1,75	St. John, N.B.–Halifax, N.S.	Bay of Fundy, N.S.	Slide rod broken.... Mt. G. W. Robinson.	.....	Part., $100.
Jan. 27..	Contre Amiral Caubet	36	Havre, France....	..... iron steam	1,137	Halifax, N.S.–Halifax, N.S.	Off Sable Isl. Altc. Oc.	Damaged by ice....	.....	Part., $200.
July 23..	Charlotte..... 85,642	28	Lunenburg, N.S...	Schr..... wood sail	79	Loiusburg N.S.–Port Mouton, N.S.	Port Mouton, N.S...	Struck rocks..... Mast. M. R. Williams.	.....	Total, $1,900.

July	7	Coral Leaf 112,323	9	Bridgetown Barbados	Schr. wood sail	374	New York–Yarmouth, N.S.	Yarmouth Har.	Stranded Mt. E. Spicer.		Part., $1,500.
June	29	Collector 107,122	12	Lunenburg, N.S.	Schr. wood sail	99	Gaspe–Barbadoes.	Lat. 34 N. Long. 35·12 N. Atlantic Oc.	Sprung a leak Mt. E. Wilkie.		Part., loss.
Sept.	3	Corona 127,544	10	Gloucester, U.S.A.	Schr. sail wood	82	Halifax, N.S. Souris, P.E.I.	Mersey Riv., N.S.	Stranded Mt. E. T. Engstrom.		Part., $1,000.
Aug.	5	Cambodia 132,094	6	Grimsby	Ketch. steel steam	115	Canso, N.S.–Canso, N.S.	Flag Isl.	Stranded Mt. M. Olison. 2 lives lost		Part., $1,000.
Nov.	14	Chemainus 1,122		Victoria, B.C.	Sloop. wood steam	71	Union Bay, V.C.–Vancouver, B.C.	Coal Har.	Fire in engine room. Mt. N. Bonde.		
June	15	Carrigan Head 113,508		Belfast, G.B.	— — — steel steam	2,717	Quebec–Belfast	Barnaby Isl., P.Q.	Stranded Master F. Eyers.		
Oct.	3	Celtic 122,538	4	Vancouver, B.C.	Sloop wood steam	163	Vancouver, B.C.–Prince Rupert, B.C.	Lat. 50·49 N. Long. 127·35½ W.	Stranded Master A.N. Dick		Part., $1,800.
Dec.	28	Carrie C 125,989	28	Gloucester, N.S.	Schr. wood sail	71	Gloucester, N.S.–Liverpool, N.S	Lahave Bank, N.S.	Loss of sails Master P. Cox.		Part., $250.
Oct.	7	Coral Leaf 88,954	9	Bridgetown, Barbados.	Schr. wood sail	374	Spencer Isl., New York.	Mattinicook Pt.–Long Island.	Stranded Master G. D. Spicer.		Part., $600.
Dec.	3	Croydon 108,303	14	Glasgow, G.B.	Str. steel steam	381			Heavy list		No damage.
Jan.	14	Dorothy Duff 117,164	4	Sydney, C.B.	Schr. wood sail	152	Sydney, C.B.–Carbonneau, Nfld.	Off Cape St. Francis Nfld.	Loss of sails		Part.
June	16	Dara C 111,671	10	Bridgetown, Barbados.	Schr. wood sail.	402	New York–Cuba	Lat. 34·40 and 27·40 N. Long. 68·40 and 72·45 W.	Loss of sails		Part., $800.
June	24	Delta 100,277	19	Windsor, N.S.	Schr. wood sail	287	Pascagonla–Belize, B.H.	Belize Harbour	Stranded Master G. O. Sherman.		No damage.

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Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
June 19..	Damaraland..... 112,340	9	Liverpool, N.S....	Schr. Wood Sail	199	Barbadoes–St. John, N.B.	Lat. 18·5 N. Lg. 60·29 W. Atl. Ocean.	Abandoned at sea... Master G. N. Dean.	.....	Total loss.
June 5..	Drummuir..... 86,233	29	Victoria, B.C.....	Bqe. Iron Sail	1,798	Port Townsend, W.S –Newcastle.	Lat. 40·53 S. Lg. 69·22 E. Indian Oc.	Loss of spars...	.....	Part., $700.
July 13..	Drummuir..... 86,233	29	Victoria, B.C.....	Bqe. Iron Sail	1,798	Port Townsend–Newcastle.	Off Cooges, N.S.W.	Collided..... Master D. R. Fleming.	.....	Part.,$200.
Oct. 27..	Daglid.....	.....	Christiania, Norway.	Schr. Iron Steam	788	.....	Chatham, N.B.....	Fire in forecastle.... Master H. Olsen.	.....	Part., $1,000.
Oct. —..	Dorothy Louise.. 126,662.	1	Shelburne.....	Schr. Wood Sail	125·49	Grand Bank–Grand Bank.	.....	Missing..... 6 lives lost	6	Total, $12,500.
Feb. 2..	Ethelwold..... 95,584.	21	Montreal.....	Schr. Steel Steam	533	St. Michael, Azores–Portland, G.B.	.....	Sprung a leak..... Master John Mitchel.	.....	Part.
Feb. 24..	Evelyn..... 103,794.	12	Charlottetown, P.E.I.	Schr. Wood Sail	166	St. John, Nfld.– Pernambuca.	Lat. 32·52 N. Lg. 36·06 W.	Loss of bowsprit....	.....	Part.
Mar. 7..	Emma R. Smith. 85,439.	28	Windsor, N.S.....	Bqe. Wood Sail	371	Mobile–St. John, N.B.	Gulf Stream.....	Leaking and loss of deck load.	.....	Part.
June 6..	Ellen C. Burke.... 137,019.	9	Boston, Mass.....	Schr. Wood Sail	60	Boston, Mass.–Fishing Grounds.	E.S.E. of Sambro, N.S.	Collided..... Master James O'Brien.	.....	Part., $12,000.

July	5	Evolution..... 94,855.	22	Parrsboro, N.S...	Schr. Wood Sail	173	Port Wade, N.S.–Port Wade, N.S.	Digby Gut, N.S....	Collided..... Mt. E. M. Baird.	.....	Part., $500.
July	28	Emma E. Potter. 57,476.	41	Annapolis, N.S....	Schr. Wood Sail	98	Clementsport–Boston, Mass.	15 miles of Pitmanan Light, U.S.A.	Loss of sails.....	.....	Part.
July	28	EWily Anderson.. 116,554.	5	Mailtand, N.S....	Schr. Wood Sail	218	Maitland, N.S.–Philadelphia.	40 miles E. of Cape Cod.	Loss of deck load and sails.	.....	Part.
Sept.	6	Empress..... 107,761.	10	Charlottetown, P.E.I.	Schr. Wood Sail	335	Chatham, N.B.–Charlottetown, P.E.I.	Charlottetown Harb	Stranded..... Mt. Sam Buchanan.	.....	Part.
July	28	E. Merriam..... 80,395.	9	Parrsboro, N.S...	Schr. Wood Sail	331	St. John, N.B.–New York.	10 miles S.W. Machias Seal Is.	Cabin flooded.....	.....	Part.
July	16	Ellen E. Burke.... 137,019.	9	Boston, Mass.....	Schr. Wood Sail	60	Gloucester, U.S.A.–Fishing Grounds.	L'Ardoise, N.S.....	Stranded..... Mt. Jas. O'Brien.	.....	Part.
Sept.	7	Elva M..... 103,424.	16	Charlottetown, P.E.I.	Schr. Wood Sail	92	Bay of Islands, Nfld-Sydney, C.B.	Bay of Islands, Nfld.	Ashore.....	.....	Total loss.
Oct.	25	Electra.....	24	Charlottetown, P.E.I.	Schr. Wood Steam	78	Pictou–Pictou.....	Margaree Harb.....	Stranded..... Mt. W. A. Beattie.	.....	Total loss.
Nov.	16	Effie May..... 116,512.	7	Lunenburg, N.S...	Schr. Wood Sail	49	Pictou–Halifax.....	Port Hood Harb....	Stranded..... Mt. Wm. J. Nauss	.....	Total loss, $2,500.
Nov.	4	Elsie Bratford.... 100,802.	16	Victoria, B.C.....	Schr. Wood Gasol.	10	Nanaimo, B.C.....	Near Entrance Is...	Foundered..... Mt. A. Bratford.	.....	Total loss $6,000.
Nov.	19	Evolution..... 94,855.	22	Parrsboro, N.S...	Schr. Wood Sail	175	..... – Noel, N.S.	Gloucester Harb., Mass.	Collided..... Mt. E. M. Baird.	.....	
Dec.	30	Emulator..... 107,123.	12	Lunenburg, N.S...	Schr. Wood Sail	9	2·13 Sydney, N.S.–St. Pierre Miq.	Dantzig Pt.....	Stranded..... Mt. Albert Purdy.	.....	Total, $3,000.
Apr.	23	Flora..... 90,654.	25	Liverpool, N.S...	Schr. Wood Sail	64	Louisburg, C.B.–Halifax, N.S.	Egg Island, N.S....	Sprung a leak.....	.....	Total, $1,500.

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May 12..	Flora M 117,163.	5	Windsor	Schr. Wood Steam	152	Walton, N.S.–Portland.	20 miles S.S.E. of Elizabeth, Me.	Sprung a leak..... Mr. D. W. MerriaW.	.....	Part.
.....	Foster Rice..... 107,602.	12	Annapolis, N.S....	Schr. Wood Sail	179	Azera, D.R.–San Juan, Porto Rico.	Puerto Viego, Carribean Sea.	— —, Mt. Pitman...	.....	Total.
Aug. 21..	Flora M..... 117,163.	5	Windsor, N.S.....	Schr. Wood Sail	152	Hantsport, N.S.–Vineyard Haven.	Off Cape Blondin, Minas Basin, N.S.	Stranded..... Mt. L. Minnana.	.....	Part., $700.
June 20..	F. G. French..... 126,718.	24	St. John, N.B.....	Schr. Wood Sail	181	Apple River, N.S.–Boston, Mass.	Coast of Maine.....	Loss of sails.....	.....	No damage.
Nov. 13..	Flora T..... 90,737.	2	Charlottetown, P.E.I.	Schr. Wood Sail	.....	Port Elgin, N.S.–Charlottetown, P.E.I.	Baie Verte, N.B....	Stranded..... Mt. Chas. Trenholme.	.....	
Dec. 18..	Flamingo..... 91,527.	17	Yarmouth, G.B..	— — —, Steel Steam	134	Vancouver, B.C.–Fishing Grounds.	Tolmie Channel.....	Tail shaft broken and propeller lost. Mt. A. Freeman.	.....	Part., $3,500.
Jan. 10..	Grace Darling, 111,747.	9	Lunenburg, N.S...	Schr. Wood Sail	100	Lunenburg, N.S.–Canso, N.S....	Glace Bay, N.S....	Stranded.....	.....	
Jan. 11..	Greta..... 107,972.	12	Dorchester, N.B.	Schr. Wood Sail	146	St. John, Nfld.–Pawtucket, U.S.A	Cross Isl. Narrows, U.S.A.	Stranded.....	.....	Part., $1,000.
June 28..	Ganges..... 121,763.	5	Vancouver, B.C...	— —, Wood Gaso.	15	Vancouver, B.C.–Sydney, B.C.	Gauges Harb.....	Burnt..... Mt. G. L. Mowat.	.....	Total, $3,000.
June 28..	General Wolfe..... 129,209.	20	Hull, G.B.....	F. & A. Iron Steam	385	Quebec–Quebec..—	Off Murray Bay, P.Q.	Collided..... Mt. I. Young.	.....	Total.

Mar.	16..	Grayling.....	20	Gloucester, U.S.A	Schr. Wood Sail	4	Gloucester, U.S.A... Fishing Grounds.	Brown's Bank.....	Loss of sails..... Mt. A. Larger.	.....	art., $300.
Apr.	1..	Granville..... 122,587.	2	Yarmouth, N.S...	—, Wood Steam	47	Annapolis Royal, N. S.–St. John, N.B.	Annapolis Royal, N.S.	Burnt..... Mt. C. W. Collins.	.....	Part., $4,000.
Apr.	29..	Greta..... 107,972.	12	Dorchester, N.B.	Schr. Wood Sail	146	Windsor, N.S.– Boston, Mass.	Minas Channel, N.S.	Collided.....	.....	Part., $300.
Feb.	3..	Goldie Belle..... 122,316.	3	Lunenburg, N.S..	Schr. Wood Sail	79	Mahone Bay, N.S.– Mahone Bay, N.S.	Mahone Bay, N.S..	Stranded..... Mt. A. Eikle.	.....	Part., $100.
July	7..	Georgia E..... 100,874.	18	Weymouth, N.S..	Schr. Wood Sail	95·44	Barton, N.S.– Barton, N.S.	Briar Isalnd.....	Stranded.....	.....	Total, $1,500.
July	7..	Guide..... 116,527.	6	Lunenburg, N.S...	Schr. Wood Sail	72·80	Lahave, N.S.– Halifax, N.S.	Halifax Harbour....	Collided..... Mt. J. D. Gibson.	.....	Part., $4,000.
July	28..	Greta..... 107,972.	12	Dorchester. N.B .	..Schr Wood Sail	14	6Windsor, N.S.– Vineyard Haven, U.S.A.	Near Mount..... Desert Rock. N. Atl.	Stranded,..... Mt. H. A. Cole.		
Dec.	27..	Grant..... 203,825.	40	.....	2 mts. Iron Steam	180	Seattle, Wash.– Fishing Grounds.	White Rock, North end of Banks Isl.	Foundered..... Mt. E. Croekett.	.....	Total, $30,000.
Nov.	4..	Golden Rod..... 100,271.	19	Windsor, N.S.....	Bgte. Wood Sail	533	Mobile, U.S.A.– Cuba.	Gulf of Mexico.....	Filled with water in gale. Mt. E. L. Whitney	.....	Part., $1,760.
Dec.	24..	Gertrude M..... 100,715.	13	Yarmouth, N.S...	Schr. Wood Steam	.....	.....	Yarmouth, N.S.....	Damaged by fire... Mt. I. A. Banks.	.....	Part., $400.
Apr.	3..	Hugh D..... 122,582.	3	Yarmouth, N.S...	—, Wood Steam	20	Yarmouth N.S.....	Yarmouth, N.S.....	Partially burnt.....	.....	Part., $3,000.
Jan.	15..	Helen Shafner..... 107,292.	12	Annapolis, N.S....	Schr. Wood Sail	180	Halifax, N.S.– Boston, Mass.	50 Miles of Seal Island, N.S.	Abandoned and set on fire.	.....	Total.
Apr.	7..	Harlow..... 84,354.	30	Windsor, N.S.....	—, Iron Steam	267	St. John, Nfld.– St. John, Nfld.	St. Paul's Island....	Abandoned.....	.....	Total, $7,500.

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Feb. 1..	Helen Stewart.... 116,943.	8	Lunenburg, N.S..	Schr. Wood Sail	180	St. John, Nfld.–Barbadoes.	Coast of Brazil.....	Stranded..... Mt. Geo. Berg.	.....	Part.
Apr. 25..	Hieronymus..... 112,064.	6½	Windsor, N.S....	Schr. Wood Sail	417	Pascagonla-Kingston, Jamaica.	Gulf of Mexico.....	Foundered..... Mt. E. Wood.		Total, $22,000.
Aug. 20..	Hero.....	8	Bergen, Norway..	Schr. Steel Steam	1,081	Montreal-Pictou, N.S.	St. Lawrence River.	Collided..... Mt. O. F. Olsen.	.....	No damage.
June 23..	Hermod.....	8	Drammen.....	2 mts. Steel Steam	1,928	Sydney, N.S.–Three Rivers, Que	2° N. from Clorydorm Pt., P.Q.	Bottom damaged... Mt. A. Gabrietu.	.....	Part., $20,000.
Oct. 23.....	Haloodan.....	6 mos.	Drammen.....	Schr..... steel. steam.	2434	Chili..... Montreal.	Fourchu Hd..... C.B.	Stranded.....	.....	Part.
Sept. 29....	H. M. S..... 122,037	42 yrs	Weymouth, N.S..	Schr..... wood sail	139	Liverpool..... N.S.	.....	Deck swept way in gale.	.....	Part.
May 4..	Hallie Muriel..... 100,888	17	St. John, N.B....	Schr..... Wood Sail	85	River Hebert–St. John, N.B.	Grindstone Island Cove.	Total wreck. Mt. Geo. S. Seely.	.....	Total.
Nov. 28..	Howard D.....	4	Port Townsend, U.S.A.	Schr..... Wood Gaso.	8	Port Townsend–Victoria, B.C.	Victoria wharf.....	Damaged by fire. Mt. W. W. Primrose.	.....	Part. $1,200.
Dec. 29..	Hibernia..... 100,347	10	Maitland, N.S....	Schr..... Wood	298	Hantsport, N.S.–Barbados	Lat. 38 N. Lg. 62·50 W. Atl. Ocean.	Abandoned at sea. Mt. Chs. Dade.	.....	Total.

Nov.	17..	Henriette..... 112,254	35	Vancouver, B.C...	Schr..... Iron Steam	99·76	Halifax, N.S.– Popes Harb., N.S	Popes Harb., N.S..	Rudder broken. Mt. P. J. Cooper.	.....	Part. $300.
April	15..	Inga..... 126,110	3½	Barbados.....	Schr..... Wood Sail	160·68	Bridgetown– St. John, Nfld.	In Gulf Stream.....	Sprung a leak. Mt. A. Parks.	.....	Part. $5.
April	10..	Iroquois.....	11	Victoria, B.C.....	Sloop..... Wood Steam	94·38	Sydney, B.C.– Nanaimo, B.C.	Morsby Channel....	Foundered. Mt. A. A. Sears. 18 lives lost.	.....	Total. $17,000.
Aug.	13..	Invictus..... 112,001	7	Annapolis, N.S....	Schr..... Wood Sail	327	Perth Amboy, N.J.– Hamilton, Ber.	Lat. 32·50 N. Lg. 67·05 W. N. Atlantic.	Loss of sails. Mt. J. H. Dill.	.....	Part.
Jan.	29..	John Hays Hammond.	3	Gloucester, U.S.A	Schr..... Wood Sail	92	Gloucester, U.S.A.. Fishing Grounds.	Atlantic Ocean.....	Rigging parted. Mt. F. Thompson.	.....	Part. $150.
May	31..	J. W. Mills..... 107,960	11	Lunenburg, N.S...	Schr..... Wood Sail	76·25	Mahone Bay, N.S.– Fishing Grounds.	Magdalen Islands...	Collided. Mt. Robert Hiltz.	.....	Total. $3,000.
June	1..	Jennie May..... 103,491	16	Lunenburg, N.S...	Schr..... Wood Sail	88·42	Halifax, N.S.– Fox River.	Gaspe, P.Q.....	Stranded. Mt. J. Evans.	.....	Total. $2,500.
Aug.	17..	J. & L. Irving..... 61,587	36	Yarmouth, N.S...	Schr..... Wood Sail	79	Buctouche, N.B.– Port Hastings, NS	Eastern Harb., N.S.	Stranded. Mt. A. Wrye.	.....	Total, $1,500.
Sept.	9..	Jost..... 126,592	1	Parrsboro, N.S...	Schr..... Wood Sail	299	New York– Wolfville, N.S.	Bay of Fundy, N.S.	Stranded. Mt. J. R. Pettis.	.....	Part., $200.
Nov.	22..	John R. Bradly...	11	Gloucester, U.S.A	Schr..... Wood Sail	80	Gloucester, U.S.A.– Fishing Grounds.	Off Halifax, N.S....	Rigging carried away. Mt. J. R. Fallock.	.....	Part., $75.
Oct.	30..	Jost..... 126,592	1	Parrsboro, N.S...	Schr..... Wood Sail	299	New York– St. John, N.B.	Black Island Channel.	Collided. Mt. J. R. Pettis.	.....	Part., $1,500.
July	24..	John Irwin..... 107,002	15	Halifax, N.S.....	Steel Steam	413	Halifax, N.S.– Barrington, N.S.	Barrington Passage.	Stranded. Mt. C. A. Travis.	.....	Part.
Dec	23..	Jennie C..... 80,061	13	St. John, N.B.....	Schr..... Wood Sail	98	Tusket– Boston, Mass.	Machias Bay, U.SA	Waterlogged and main boom broken Mt. G. C. Dickson	.....	Part., $300.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, and to Canadian Sea-going Vessels in other Waters, from January 1 to December 1, 1911—*Continued.*

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
Oct. 31..	James A. Stetson. 103,804	43	Pictou, N.S.....	Schr..... Wood Sail	71·26	Charlottetown, P.E.I.– Alberton, P.E.I.	Alberton, P.E.I.....	Stranded. Mt. F. Smith.	.....	Total, $1,800.
Jan. 29..	Kenneth C..... 116,910	3	Barbados.....	Schr..... Wood Sail	475	Port Reading, U S A Halifax, N.S.	Lat. 41·44 N. Lg. 69·40 W. Atlantic.	Loss of sails.....	.....	Part., $400.
Mar. 16..	Kileva.....	42	Wyborg, Russia...	Bqe..... Iron Sail	1088	Barbados– Wedgeort, N.S.	Lobster Bay, N.S...	Stranded.....	.....	Part.
Jan. 5..	Kings County..... 94,740	20	Windsor, N.S.....	Ship..... Wood Sail	2061	Montevideo– Havana.	Havana Harb.....	Stranded.....	.....	Part.
Aug. 20..	Kohinoor..... 74,015	35	Charlottetown, P.E.I.	Schr..... Wood Sail	77	Pictou, N.S.– Charlottetown, PEI	Gallows Pt. Reef, P.E.I.	Stranded.....	.....	Total.
May 16..	Kings County..... 74,740	20	Windsor, N.S.....	Bqe..... Wood Sail	2061	Havana– Montevideo.	South Atlantic.....	Masts cut off.....	.....	Part.
Nov. 18..	Karmoe.....	11	Lunenburg, N.S...	Schr..... Wood Sail	97	New York– Halifax.	Off Seal Island, N.S	Loss of sails.....	.....	Part., $550.
Nov. 17..	Kingsway..... 122,938	5	Vancouver, B.C...	Ketch.... Steel Steam	85	Vancouver, B.C.– Prince Rupert, BC	Dickson Entrance, B.C.	Stranded. Mt. W. H. Gilmour.	.....	No damage.
Dec. 4..	Kingsway..... 122,938	5	Vancouver, B.C...	Ketch.... Steel Steam	85	Prince Rupert, B.C– Pacofi, B.C.	Queen Charlotte Island, B.C.	Struck sunken log. Mt. W. H. Gilmour.		No loss.

Jan.	27	Leebro..... 122,394	2½	Victoria, B.C.....	Sloop..... Wood Steam	198	Victoria, B.C.– Banfield, B.C.	West Coast V. Is'd, B.C.	Stranded.....	.....	
Feb.	2	Lila D. Young.... 107,660	11	Lunenburg, N.S...	Schr..... Wood Sail	100	Halifax, N.S.– Lunenburg, N.S.	Lunenburg Harb....	Stranded.....	.....	Part.
Feb.	9	Langen.....	35	Norway.....	Bqe..... Iron Sail	1138	Bridgewater, N.S.– Lunenburg, N.S.	Port LaHave, N.S.	Sprung a leak.....	.....	Total, $8,000.
June	20	Leveeka.....	18	Parrsboro, N.S...	Schr..... Wood Sail	76	Parrsboro, N.S.–	Parrsboro Riv. N.S.	Collided. Mt. F. O'Gilvie.	.....	Part., $20.
June	21	La France..... 107,666	9	Dawson, Y.T.....	Stern..... Wheel Wood Steam	169	Lower LeBarge– Dawson.	Thirty Mile River..	Sprung a leak. Mt. S. Martin.	.....	Trifle damage.
July	26	Lottie S..... 96,966	21	Shelburne, N.S...	Schr..... Wood Sail	42	Sydney, N.S.– Isle au Mort, Nfld	Ile au Mort, Nfld...	Struck rock.....	.....	Total, $600.
Sept.	9	Lady Napier..... 107,765	9	Charlottetown, P.E.I.	Bge..... Wood Sail	210	St. Johns, Nfld– Brazil.	Atlantic Ocean.....	Abandoned at sea...	.....	Total.
Sept.	6	Loyal..... 101,634	11	Lunenburg, N.S...	Schr..... Wood Sail	99	Richibucto, N.B.– Philadelphia.	Vineyard Haven Harbour.	Collided.....	.....	Part.
July	28	L'Etoile..... 90,887	23	Port Hawsbury, Ont.	Schr..... Wood Sail	47·67	Sydney– Georgetown.	Big Bras d'Or, N.S.	Stranded. Mt. E. J. Walker.	.....	Total.
Dec.	1	Latooka..... 111,635	10	Lunenburg, N.S...	Schr..... Wood Sail	99	Lunenburg, N.S.– Wedgeport.	Fish Island.....	Stranded. Mt. M. W. Cook.	.....	Part., $400.
.....	.....	Laura Victoria.... 88,455	23	Arichat, N.S.....	Schr..... Wood Sail	39	Port Hood, N.S.– Georgetown, P.E.I	Murray Harb., P.E.I	Foundered. Mt. John Hemphile.	.....	Total.
Dec.	23	Laura E. Frankland. 101,246	19	Halifax, N.S.....	Schr..... Wood Sail	46	Halifax, N.S.– Campbell's Cove, N.S.	Campbell's Cove, N.S.	Stranded. Mt. Jas. Kenny.	.....	Total, $600.
Dec.	23	Lady Smith..... 112,324	9	Bridgetown, Bdos	Schr..... Wood Sail	596	St. John, N.B.– Halifax, N.S.	Off Halifax, N.S....	Loss of sails. Mt. R. S. Kerr.	.....	Part., $500.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, and to Canadian Sea-going Vessels in other Waters, from January 1 to December 1, 1911—*Continued.*

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
Dec. 9..	Lonsdale..... 114,651	25	Sunderland.....	Schr..... Steel Steam	20·43	Solina Cruz–Mexico. Vancouver, B.C.	Vancouver Harb....	Collided. Mt. W. A Bate.	.....	Trifle damage.
Nov. 25..	Louisbourg..... 83,582	30	Montreal.....	Schr..... Iron Steam	1182	St. John, N.B.–Ireland.	Newfoundland.....	Deck load carried away. Mt. L. Holmes.	.....	
June 2..	Manchester..... Spinner. 113,123	8	Manchester, G.B.	F. & A....	2760	Manchester, G.B.–Montreal, P.Q.	Cape Dog, St. Lawrence River.	Stranded.	.....	
May 30..	Margaret G..... 112,322	9	Parssboro, N.S...	Schr..... Wood Sail	299	Havana–Wilson City, Bahama.	Bahama Islands....	Struck rocks.....	.....	Part., $2,843.
June 18..	Metamora.....	9	Duxburg, U.S.A..	Schr..... Wood Sail	81	Boston, Mass.–Fishing Grounds.	25 miles S. of Sambro, N.S.	Loss of sails and rigging. Mt. A. R. Leblanc.	.....	Part., $1,500.
May 21..	Minnie F. Crosby. 126,103	2	Halifax, N.S.....	Schr..... Wood Sail	119	Barbadoes–Chatham, N.B.	New Brunswick.....	Stranded. Mt. J. Evans.	.....	Part., $23,000.
July 3..	Morien..... 127,979	2	Liverpool, G.B...	Schr..... Steel Steam	490	Parrsboro, N.S.–Parrsboro, N.S.	Minas Channel, N.S.	Stranded. Mt. C. Burchill.	.....	Part., $800.
May 31..	Mystery..... 201,418	6	Gloucester.....	Schr..... Wood Sail	78	Gloucester–Grindstone, N.S.	Fox Bay, Anticosti.	Stranded. Mt. C. Rudolph.	.....	No damage.
June 21..	M. D. S 107,306	11	Windsor, N.S:....	Schr..... Wood Sail	190	St. John, N.B.–Boston, Mass.	Coast of Maine.....	Sprung a leak. Mt. E. G. Gale.	.....	Part.

Sept.	12..	Morien..... 127,979	2	Liverpool, N.S....	Schr..... Steel Steam	190	Yarmouth, N.S.- Yarmouth, N.S.	Petit Passage, Bay of Fundy, NS..	Wheel chain parted	.....	Part., $8,000.
Aug.	16..	Mina German..... 122,585	2	Yarmouth, N.S...	Schr..... Wood Sail	147	Yarmouth, N.S.- New York.	Lat. 43·40..... Lg. 63·10 Atlantic Ocean.	Loss of deck load...	.....	Part.
Aug.	18..	Minnie..... 100,224	19	Halifax, N.S.....	Schr..... Wood Sail	96	Halifax, N.S.-	Canso, N.S..... North Atlantic.	Anchor cable parted	.....	Part.
Oct.	11..	May Flower..... 116,553	5	Maitland, N.S....	Schr..... Wood Sail	132	Pictou, N.S.- Boston, Mass.	40 miles S. of Cape Sable.	Bulwarks carried away.	.....	Part.
Sept.	6..	Mary F. Smith...	.....	Boston, Mass.....	Schr..... Wood Sail	32	Boston- Clarke Harbour, N.S.	Green Island, N.S..	Stranded. Mt. A. S Newell.	.....	Total, $2,350.
Nov.	17..	Magno..... 85 401	9	Magdalen Islds...	Schr..... Wood Sail	32	Magdalen Islands- Magdalen Islds..	Strait of Canso, N.S.	Collided. Master, F. Theriault.	.....	Part., $300.
Nov.	7..	Mary E. Mc- Donald. 75826	33	Lunenburg, N.S...	Sshr..... Wood Sail	98	Lunenburg, N.S.- Port Hasting	Str. of Canso, N.S..	Collided. Master, W. Greek	.....	Part., $100.
Dec.	1..	Maria..... 61373	41	Miramichi.....	Schr..... Wood Sail	28	Chatham, N.B.- Souris, P.E.I.	Panmure Island.....	Stranded, Master, J. Martin	.....	Total, $500
Dec.	13..	Mooween.....	8	Duxbury, Mass...	Schr..... Wood Sail	83	Gloucester, Mass.- Canso, N.S.	Great Island, N.S...	Stranded, Master, D. McDonald	.....	Total, $12,600
Nov.	21..	Marconi.....	9	Liverpool, N. S...	Brgt..... Wood Sail	198·94	Liverpool, N.S.- New York	Lat. 32.35, Long. 76 40 Atlantic ocean	Loss of spars and sails. Mt., R. A. McLeod	.....	Total, $10,000
Nov.	22..	Muriel..... 103 758	14	Lunenburg, N.S...	Schr..... Wood Sail	110·03	Lunenburg, N.S.- Aspy Bay, C.B.	Aspy Bay, C.B.....	Stranded. Master, J. C. McDonald	.....	Total, $3,500
Nov.	19..	M.D.S..... 107 306	11	Windsor, N.S.....	Schr..... Wood Sail	190	Windsor, N.S.- Vineyard Haven, U.S.A.	Gloucester Harbour, U.S.A.	Collided.....	.....	
Dec.	7..	Marina..... 85 552	28	Yarmouth, N.S...	Schr..... Wood Sail	16·29	Yarmouth, N.S...	Hemlock Island....	Stranded, Master, C. Butcher	.....	Total
Dec.	20..	Maple Leaf..... 111 721	11	Bridgetown, Barbadoes	Schr..... Wood Sail	198·71	Lunenburg, N.S..... Lunenburg, N.S.	Lat. 27.30 N., Long. 65.50 W, N. Atlantic	Loss of sails and leaking. Master, Wm. Aranburg	.....	Part., $3,800

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels on Canadian Waters, and to Canadian Sea-going Vessels in other Waters, from January 1 to December 1, 1911—*Continued.*

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
	Nanoose..... 122,397	3	Victoria, B.C.....	Slp. .... Steel Steam	166	Vancouver, B.C.–Victoria, B.C.	Haro Straits, B.C...	Ran on reef. Master, T. S. Guns	.....	Trifling damage
July 16..	Nevis..... 116 552	8	Maitland, N.S.....	Schr..... Wood Sail	124	Maitland, N.S.–Greenwich, Conn.	Pollock Rip Shoal, N. Atlantic	Collided, Master, C. N. Hinds	.....	Part., $1,000
Oct. 22..	Noname..... 126,081	3½	Vancouver, B.C...	Scow.....	76·96	Vancouver, B.C.–Lady Smith	Fraser River, B.C.	Collided.....	.....	Total
Nov. 15..	North America...	31	Charlottetown, P.E.I.	Schr..... Wood Sail	99	Hasting–Souris, P.E.I.	Halmill Bay.....	Stranded, Master, J. Doiron	.....	Part., $1,450
Oct. 23..	Nancy Lee..... 108,333	13	London.....	Schr. .... Iron Steam	1,802	Pettingill..... St. John, N.B.	St. John, N.B.....	Damaged by fire & water. Master, J. Murchie	.....	Part., $13,026
Dec. 12..	Mina L..... 124,925	4	Sydney, N.S.....	Schr..... Wood Sail	96	Oporto–St. John, Nfld.....	Lat. 49 N., Long. 34 W., N. Atlantic	Foundered. Master, W. R. Kennedy..	.....	Total
June 2..	Operator..... 126,501	2	Victoria, B.C.....	Schr..... Wood Steam	379	Vancouver, B.C.–Hazelton, B.C.....	Skeena River, B.C.	Tree fell across stern of vessel	.....	Part., $1,250
Aug. 29..	O. P. Silver..... 94,779	22	Lunenburg, N.S...	Schr..... Wood	70	Pictou, N.S.–Canso, N.S.....	Chidabucto Bay, N.S.....	Stranded.....	.....	Total
Dec. 4..	Otis Miller..... 103,268	5	Dorchester, N.B..	Schr..... Wood Sail	96	Port Greville, N.S. Boston, Mass.	Cape Ann.....	Sails torn. Master, G. G. Morrison	.....	
Nov. 1..	Oresa..... 85,562	28	Halifax, N.S.....	Schr..... Wood Sail	13·50	Georgetown, P.E.I.–Port Malcolm, N. S.	Big Island, N.S.....	Loss of sails and vessel driven ashore..	.....	Total, $1,050

Mar.	27..	Percy C..... 126,037	2	Liverpool, N.S....	Schr..... Wood Sail	99	Liverpool, N.S.– Boston, Mass.	Goodwin's Is. Reef, N.S.	Stranded. Master, J. W. Rafuse	.....	Part., $3,500
		Pastime..... 121,759	8	Vancouver, B.C...	Ketch.... Wood Gaso.	10	.....	Schealt Dock.....	Foundered.....	.....	Total, $1,000
May	2..	Palmette..... 111,725	10	Barrington.....	Schr..... Wood Sail	97·77	Guttenberg, N.J.– New York	East River, N.Y....	Collided, Master, C. Anderson	.....	Total, $2,000
Apr.	9..	Princess of Avon.. 117,165	4	Windsor, N.S.....	Schr..... Wood Sail	88	Barton, N.S.– Boston, Mass.	.....	Sprung a leak.....	.....	
Oct.	14..	Princess Beatrice. 116,405	8	Victoria, B.C.....	F. & A.... Wood Steam	635	Victoria, B.C.– Vancouver, B.C.	Goletas channel.....	Stranded. Master, G. D. Robertson	.....	Part.
Nov.	22..	Pallanza.....	20	Hamburg.....	Sshr..... Steel Steam	2,960	Philadelphia– Hamburg	Lat. 42.91 N., Long. 60.40 W., Atlantic Ocean	Submerged and propellor damaged. Master, I. Fendt	.....	Part., $5,000
Oct.	4..	Pansy..... 72,316	24	Parrsboro, N.S....	Schr..... Wood Sail	76	Parrsboro, N.S.– Boston, Mass.	Two miles of Isle of Hants, N.S.	Leaking. Master, C. A. Morrison	.....	
Nov.	27..	Percy C..... 126,037	2	Liverpool, N.S....	Schr..... Wood Sail	98·77	Ship Harbour, N.S. Elizabeth Port, N.Y.	West of Cape Sable.	Leaking. Master, J. N. Rafuse	.....	Part., $198
Dec.	15..	Percy C..... 126,037	2	Liverpool, N.S....	Schr..... Wood Sail	98·77	Ship Harbour, N.S.– Elizabeth Port, N.Y.	Portland Harbour...	Collided. Master, J. N. Rafuse	.....	Part.
Dec.	10..	Palmette..... 111,725	10	Barrington, N.S..	Schr. · ... Wood Sail	98	Port Clyde, N.S....	Portland Harbour...	Collided. Master, C. Anderson	.....	Part., $400
Feb.	1..	Princess Adelaide 126,948	1	Victoria, B.C.....	Schr..... Steel Steam	191025	Victoria, B.C.– Seattle, Wash.	.....	Stranded. Master, R. A. Hunter	.....	No damage
Dec.	12..	Queen City..... 103,482	18	Victoria, B.C.....	..... Wood Steam	243·70	Victoria, B.C.– Holberg	Alberni Canal.....	Stranded. Master, E. Gillam	.....	Part.
Jan.	29..	Rappahamook.... 102,106	17	Liverpool, G.B....	Schr..... Steel Steam	2,490	London, G.B.– Halifax, N.S.	Lat. 44.39 N., Long. 61.38 W., Atlantic Ocean	Tail shaft broken...	.....	Part., $7,500

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, and to Canadian Sea-going Vessels on others Waters, from January 1 to December 1, 1911.—*Continued.*

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
May 7..	Rhodora.....	1½	Gloucester, U.S.A	Schr..... Wood ' Sail	81	Gloucester, U.S.A.–Canso, N.S.	Grass Island Reef..	Ashore.....	.....	Part., $2,000
May 4..	Romeo..... 100,073	20	St. John, N.B.....	Schr..... Wood Sail	111	St. John, N.B.–New York	Pollock Rip Shoal, N. Atlantic	Leaking.....	.....	Part.
July 10..	Reverie.....	2	Vancouver, B.C...	Schr..... Wood '	15·46	.....	N. Vancouver, B.C.	Burnt.....	.....	Total
Sept. 19.	Record.....	.....	Norway.....	Bqe..... Steel Sail	1,312	Bahia Blanca–Matane	Main-a-Dieu.....	Stranded. Master, W. Grandsen	.....	Part.
Nov. 13..	Reliance..... 123,899	5	Shelburne, N.S....	Schr..... Wood ' Sail	19	Philadelphia–Yarmouth, N.S.	Cape Fourchu..... C.B.	Stranded.....	.....	Total
Nov. 23...	Rival..... 59,462	41	Halifax, N.S.....	Schr..... Wood Sail	20	Jeddore, N.S.–Halifax, N.S.	Halifax Harbour....	Collided, Master, H. Faulkner	.....	Part., $100
Dec. 27..	Renwick..... 97,954	21	Newcastle, G.B,..	Schr..... Steel Steam	402	Port Hasting, N.S.–Bridgetown	Off Green Isl., N.S.	Collided. Master, J. F. Chapman, 3 lives lost.	.....	Total, $47,700
Feb. 7..	St. Croix..... 94,739	21	Windsor, N.S.....	Bgte..... Wood Sail	653	Buenos Ayres, S. America–Philadelphia	Delaware River, U.S.A.	Collided. Master, K. Sohn	.....	Part., $50
Dec. 12..	Queen City.....	18	Victoria, B.C.....	.....	243·70	Victoria, B.C.–	Alberni Canal.....	Stranded, Master,	.....	Part.
May 24..	Sechelt..... 122,338	18	Vancouver, B.C...	..... Wood Steam	71	Victoria, B.C.–Sooke, B.C.	Beecher Bay, B.C..	Foundered.....	.....	Total, $10,000

May	30	Saturna.....	26	Vancouver, B.C...	Tug..... Wood Steam	15	Vancouver, B.C.....	False Creek, B.C...	Rolled over by boom of logs. Master, F. I. Roberts	.....	Total
July	28	Sunlight..... 124,033	4	Liverpool, N.S....	Bqe..... Steel Sail	1,298	San Domingo–Boston, Mass.	10 miles W. of Nantucket Lightship, N. Atlantic	Loss of sails. Mast., M. Crowley	. . .	Part.
July	4	St. Maurice..... 103,723	15	Parrsboro, N.S....	Schr..... Wood Sail	272	Jacmel, Hayti–Wilson City, Bahamas	Jacmel, Hayti[Harb.	Rudder broken.....	.....	Part., $1,400
Sept.	4	Secret..... 100,471	19	Lunenburg, N.S...	Schr..... Wood Sail	75·86	Port Hasting, N.S.–Amherst	Entrance Amherst, Magdalen Islands	Stranded. Master, F. Cormier	.....	Total, $1,620
Aug.	29	Stanley..... 125,967	4	Parrsboro, N.S...	Schr..... Wood Sail	19	Apple River, N.S.–Apple River, N.S.	St. John.Harb. N.B.	Explosion of gasoline	.....	Part., $500
Sept.	30	Strathlorne..... 126,138	2	Halifax, N.S.....	..... Wood Steam	81	Halifax, N.S.–Souris, P.E.I.	Cheticamp, Cape Breton	Stranded. Master, W. Dickson	.....	Part., $700
Sept.	29	Speculator.....	8	Lunenburg, N.S...	Schr..... Wood Sail	99	Lahave, N.S.–Halifax, N.S.	Chebucto Hd., Halifax Harbour	Collided, Master, J. Jetson	.....	Part., $990
Nov.	8	St. Bernard..... 107,57	10	Parrsboro, N.S...	Schr..... Wood Sail	123	Port au Pic, N.S.–Vineyard Haven, U.S.A.	Port au Pic, N.S....	Badly strained.....	.....	Part., $300
Nov.	23	Spray..... 106,076	17	Vancouver, B.C...	..... Wood Steam	500	.....–Vancouver, B.C.	Near Wark Island..	Foundered.....	.....	Total
Nov.	2	St. Anthony..... 100,562	12	Parrsboro, N.S...	Schr..... Wood Sail	100	New York–Parrsboro, N.S.	Yarmouth, Harb., N.S.	Loss of Anchor..... Mt. W. L. Yates.	.....	Part, $200.
Nov.	15	St. Patrick..... 103,464	12	Halifax, N.S.....	Schr..... Wood Sai	27	Jeddore, N.S.–Murray Harb.	Little River..... P.E.I.	Stranded. Mt. A. Jennee.	.....	Total $600.
Nov.	12	Savoy..... 104,887	17	London G.B.....	2 mts..... Sreel Steam	184.16	Ellis Bay–.....	Quebec Harbour....	Collided. Mt. L. Pelletier.	.....	Part $1,332.
May	6	Stormount..... 122,409	5	Montreal.....	F. & A.... Steel Steam	123.83	Montreal-Sydney, C.B.	Longue Pointe, P.Q.	Grounded. Mt. A. N. McMaster.	.....	No damage.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and foreign sea-going vessels in Canadian waters, and to Canadian sea-going vessels in other waters, for the twelve month ending December 31, 1912—*Concluded.*

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
Feb. 20..	Tussler..... 126,239	2	Victoria, B.C.....	..... Wood Steam	11	Victoria, B.C-.....	Victoria Harb,. B.C.	Partially burnt....	.....	Part, $20.
Jan. 26..	Tees..... 95,929	18	Victoria, B.C.....	..... Steel Steam	441	Holberg, B.C.–Victoria, B.C.	Gowland Island, B. C.	Stranded.....	.....	Part, $7,000.
April 6..	Transvaal..... 111,733	9	Lunenburg, N.S...	Schr..... Wood Sail	79	Burin, Nfld.–Rose Blanche, Nfld.	Turnip Island, Nfld.	Stranded.....	.....	Total, $300.
May ..	Tacoma..... 145,835	10	Gloucester.....	Schr..... Wood Sail	71	Gloucester–Fishing Grounds.	Canso, N.S.....	Stranded. Mt. J.V. Bonia.	.....	Part, $800.
July 29..	Tay..... 92,369	24	St. John, N.B.....	Schr..... Wood. Sail	125	St. John, N.B.–Boston, Mass.	Great Head Mount Desert, Me.	Stranded. Mt. J. W. Scott.	.....	Total, $6,130.
Nov. 26..	Tees..... 95,927	18	Victoria, B.C.....	..... Steel Steam	441	Holberg–Victoria, B.C.	Monteith Bay, B. C.	Stranded. Mt. E Gillam.	.....	
Dec. 15..	Transfer.....	17	Victoria, B.C.....	..... Wood Steam	99 74	Westminster–Westham.	Fraser River, B.C..	Collided. Mt. W. H. Robinson.	.....	
Nov..	Troubadour..... 107,511	.....	Vancouver, B.C...	..... Wood Steam	.....	Port Alberni–Port Alberni.	Hello Gate.....	Foundered.....	.....	Total, $2,000.
April ...	Unity.....	7	Parrsboro, N.S...	Schr..... Wood Sail	148	Halifax, N.S.–New York.	Yarmouth Harb.,N S.	Sprung a leak.	.....	Part.

March	15..	Umbrime..... 94,634	23	Shelburne, N.S...	Schr..... Wood Sail	99	Victoria, B.C.–Friendly Cove.	Lat. 43.50N. Lg.. 125.00 W.	Foundered.....	.....	Total, $9,000.
Sept.	17..	Venture..... 129,475	1	Glasgow.....	..... Steel Steam	579.77	Victoria, B.C.–B.C. Ports.	Johnston Strait, B. C.	Stranded. Mt. W. S. Morehouse.	.....	Part.
April	7..	Wanda..... 94,950	21	Yarmouth, N.S...	Schr..... Wood Steam	32	Yarmouth, N.S.–Seal Island.	Pease's Isl., N.S...	Stranded.....	.....	Part.
Feb.	....	Waterwitch..... 122,023	4	Liverpool, N.S....	Schr..... Wood Sail	190	St. John, Nfld.–Bahia.	Lat. 44.10 N. Lg. 53.49 W.	Stranded and leaking.	.....	Part.
Sept.	23	W. E. Gladstone.. 107,542	13	Digby, N.S.....	Schr..... Wood... Sail.	19	West Port–Digby, N.S.	Digby, N.S.....	Filled with water...	.....	Part, $150
Nov,	15..	Wanita..... 100,019	14	Windsor, N.S.....	Schr..... Wood Sail	42	Economy, N.S–St. John, N.B.	Spencer Islands, N. S.	Stranded. Mt. F. E. McCumber.	.....	Part, $600.
April	29..	Walkyrie..... 27,469	.....	St. Malo, France..	Schr..... Wood Sail	87.75	St. Malo–Fishing Grounds.	Strait of Canso, N. S.	Stranded. Master Joe Gull.	.....	Total.

INLAND WRECKS.

May	3..	Aletha..... 107,748	10	Kingston, Ont.....	..... Wood Steam.	90	Picton–Belleville....	Navy Bay, Ont.....	Stranded.....	.....	Part.
Oct.	22..	Avon.....	45	Hamilton, Ont....	Schr.. Wood Sail	195	Sarnia, Ont.–Sarnia, Ont.	Near Point au Basques.	Foundered	.....	Total, $5,700.
Aug.	1..	Airmyn..... 114,040	8	Goole.....	Schr... Steel Steam	515	Oswego–Erie, Pa....	Entrance Bersimis River, P.Q	Stranded.....	.....	No damage.
Nov.	22..	Ahteek.....	.....	Sault Ste. Marie, Ont.	Tug..... Wood Steam	21	John Island, Sault Ste. Marie, Ont.	St, John Channel....	Burnt.....	.....	Total $3,500
May	29..	Bobs..... 101,563	11	Toronto, Ont.....	..... Wood Steam.	5.95	Centre Island–R.C.Y. City Harbour.	300 ft. from R.C.Y.C. Landing.	Collided.....	.....	Part.
March	26..	Cataract..... 77,698	29	Hamilton, Ont....	..... Wood Steam	598	Hamilton–Brockville.	Brockville Harbour.	Burnt.	.....	Part.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and foreign vessels in Canadian waters, and Canadian vessels in other waters, for the 12 months ending December 31, 1911.

Date of Casualty.	Name of Ship Off. No.	Age.	Registered Port.	How rigged Iron or Wood Steam or Sail.	Register Tonnage.	Port sailed from Port bound to	Place where Casualty happened.	Nature of Casualty and Master of Vessel.	Lives Lost.	Remarks.
Aug. 21..	C. C. Martin..... 116,670	5	Midland, Ont.....	Tug..... Wood Stem	45	Penetanguishene–French River.	Key Harbour.....	Foundered.....	.....	Total.
July 12..	Caspian..... 112,142	65	Kingston, Ont.....	..... Iron Steam	54	3Kingston, Ont.–Charlotte, N.Y.	Off Point Ann, Bay of Quinte.	Stranded.....	.....	Part.
Aug. 26..	City of Genoa.... 126,897	19	Fairport, U.S.A...	..... Wood Steam	1,817	Chicago Island–Buffalo, N.Y.	About 150 ft. of Sarnia, Dock St. Clair River.	Collided.	.....	
Oct. 4..	Corunna..... 99,224	20	Leith.....	Schr..... Steel Steam	791.64	Montreal–Fort William.	Lake Superior.....	Stranded.....	.....	Part.
Aug. 20..	Chieftain III..... 117,129	6	Kingston, Ont.....	..... Wood Steam	147	Kingston, Ont.–Kingston, Ont.	St. Lawrence River.	Collided.	.....	Total, $20,000.
May 12..	Donnacona..... 110,363	11	New Castle, G.B.	..... Steel Steam	1,222	Fort William–Montreal.	Near Port Colborne.	Struck obstruction..	.....	Part.
Oct. 17	Emperor..... 126,654	1	Midland ,Ont.....	..... Steel Steam	4,641	.....	SaultSte.Marie, Ont.	Foundered.....	.....	Part.
Nov. 25..	Edward Kelly.... 8,997	.....	Erie, Penn.....	Bge..... Wood Towing	.....	Port Colborne, Ont. Erie, Pa.	W.endofE.Breakwater on outside.	Tow line parted....	.....	Total, $6,000
Feb. 22..	F. H. Burton..... 90,818	47	Kingston, Ont.....	Schr..... Wood Sail	136	.....	Kingston Harbour..	Burnt.	.....	Part, $900.
May 2..	Glenmount..... 122,408	4	Montreal.....	..... Steel Steam.	1,246	FortWilliam–Montreal.	St. Lawrence River.	Stranded.....	.....	Part.
Aug. 29..	Genilda.....	13	.....	Schr. Steel Steam	158	Cleveland–Port Arthur.	Copper Island,Lake Superior.	Foundered.....	.....	Total, $130,000.

Oct.	8.	Gordon Gauthire. 88,625	27	Windsor, Ont.	Tug. Wood Steam	18	Port Arthur–Port Arthur.	Mary's Island, Thunder Bay.	Burnt.		Part, $3,000.
Dec.	2.	Governor Morton. 94,719		Port Stanley, Ont.	Str. Wood Steam	10.12	Port Stanley, Ont.–Port Burwell.		Burnt.		Total.
Nov.	7.	Gaspesian. 70,228	37	Quebec.	Schr. Iron Steam	287	Paspebiac–Montreal	Ste. Anne des Monts.	Stranded.		
Sept.	22	Henry Phipps. 204,136	4	Duluth, Minn.	Str. Steel Steam	5,450	Two Harbours, Minn. Cleveland, Ohio.	St. Clair River.	Collided.		Part, $6,000.
Sept.	22.	Joliet. 76,873	20	Duluth, Minn.	Str. Steel Steam.	1,596	Two Harbours, Minn.–Cleveland Ohio.	St. Clair River.	Collided.		Part, $75,000.
July	2.	Keystorm. 129,749	1	New Castle.	Schr. Steel Steam.	1,037	Ashtabula–Montreal.	Galop Canal, Cardinal, Ont.	Grounded.		Part.
April	25.	Kate.		Sault Ste. Marie, Ont.	Tug. Oak Steam	30	Sault Ste. Marie–Soo, Ont.	Marks Bay, Soo River.	Burnt.		Total, $2,500.
Dec.	8.	Lady of the Lake.		Collingwood.	Str. Steel Steam	17	Thornbury–Parry Sound, Ont.	Off Hope Island.	Foundered.		Total, $2,000.
Nov.	30.	Lady of the Lake. 111,854	10	Owen Sound, Ont.	Tug. Wood Steam	2,504	Thornbury, Ont.–Parry Sound, Ont.	Near Christian Island.	Collided.		Total, $5,000.
Jan.	5.	Mary Ann Lydon. 76,162	34	Kingston, Ont.	Schr. Wood Sail	180		At wharf, Kingston, Ont.	Burnt.		Part.
May	17.	M. T. Green.		Chicago, Ill.	Str. Wood Steam		Chicago, Ill.–Owen Sound, Ont.	Lake Huron.	Stranded.		Part.
Aug.	31.	Mystery. 116,849	4	Owen Sound, Ont.	Str. Wood Steam	3,576	Wiarton–White Cloud Island.	White Cloud Isl.	Burnt.		Total, $4,000.
Feb.	9.	Nellie Lyon. 126,229	21	Sarnia.	Wood.. Steam	198	Algomac, Mich.		Burnt.		Total, $15,000.
Oct.	22.	Naiad. 116,892	2½	Sarnia.	Schr. Wood. Sail.	276	Thessalon–Sarnia.	Au Sable.	Foundered.		Total, $6,000.
Sept.	15.	Natashquan. 62,598		Quebec.	Str. Iron. Steam.	642·22	Quebec–Quebec.	Pentecoste River.	Shaft broken.		Part, $500.
Dec.	15.	New Delta. 126,894	1½	Vancouver, B.C.	Wood. Steam.	49	Ladner–Ladner.	Fraser River, B.C.	Collided.		Part, $200.
Sept	23.	Port Simpson. 122,390	3½	Victoria, B.C.	Steel. Steam.	379·23	Newton, Hazelton	Old Kikenkia.	Stranded.		Part, $500.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and foreign vessels in Canadian waters, and Canadian vessels in other waters, for the 12 months ending December 31, 1911— *Concluded*

Dec. 1.....	Port Colborne....	.....	New Castle, O....	..... Steel. Steam.	1,305	Montreal-Port Arthur.....	Lake St. Louis.....	Grounded.....	.....	No damage.
Nov. 20...	Raleigh.....	40	Detroit, U.S.A....	Str..... Wood. Steam.	1,104	Point Levis, Que....	5 miles E. of Port Colborne.....	Rudder gave way...	3 lives lost.	Total loss.
Oct. 13.....	Secret..... 100,404	18	Hamilton, Ont....	Yacht.... Wood. Steam.	629	Parry Sound-Red Rock Light house.	Off Star Shoal Black Rock.....	Burnt.....	.....	Total, $3,000.
.....	Trade Wind..... 88,657	.....	Whitby, Ont.....	Schr..... Wood. Sail.	181	.....	Lower Kingston Harbour..	Burnt.....	.....	
Nov. 17..	Turret Cape..... 104,283	.....	New Castle on Tyne.....	Str..... Iron Steam.	1,827	Point Edward-Port Arthur.....	Lake Huron.....	Stranded.....	.....	
Aug. 26....	W. H. Gilbert.... 81,382	19	Duluth, Minn.....	Str..... Steel. Steam.	2,200	Two Harbours, Manns.- Conneat, Ohio.....	Sarnia, Ont.....	Collided.....	.....	Part, $5,000.
Aug. 21....	Winslow..... 96,855	11	Sarnia, Ont.....	Tug..... Wood.	1,920·0	Little Current.....	Meldrum Bay.....	Foundered.....	.....	Total, $25,000.
Sept. 27....	Winnitoba..... 122,274	2	Winnipeg, Man....	..... Wood. Steam.	556	Winnipeg-St. Peter..	Red River.....	Foundered.....	.....	Part, $17,000.
Oct. 28.....	Zephir.....	18	Hamilton, Ont....	Str..... Iron Steam.	3	Lake Nipissing	Lake Nipissing	Struck rock.....	.....	Part, $300.

APPENDIX No. 14.

LIFE SAVING REPORT FOR 1912.

SIR,—I have the honour to submit the following report on the Life Saving Service for the season 1911-12.

NOVA SCOTIA.

Duncan's Cove.—Inspected September 22. Drilled crew in boat and with Lyle Gun, everything satisfactory.

On November 27, 1911, life boat went to the assistance of a disabled fishing boat.

March 13, 1912, the schooner *Isleworth* was reported ashore at Chebucto Head, and the boat immediately put out to her assistance. A heavy sea was running with thick fog. On reaching the wreck it was found that the crew were preparing to land in their own boat. Lifeboat stood by until all were safely landed.

St. Paul's Island.—Crew constantly at practice.

Westport.—Boat went to assistance of German schooner *Mina* on February 8. The boat is unsatisfactory and notice has been given that the agreement will terminate on April 15, 1912.

Whitehead.—Inspected station on December 21st. Hugh Munro, the coxwain, is rather advanced in years, but still strong and active and capable of filling the position.

Seal island.—In July the slipway was damaged and repaired at a cost of $85.

Scatarie island.—On September 19, at 3 p.m., a vessel was seen to be ashore at Main-a-Dieu, which proved to be the Norwegian barque *Tredesstrand.* The lifeboat was immediately launched and went to the scene of the wreck, arriving there about 7 p.m., but the fog was so thick that the wreck was not seen until 3 a.m. on the 20th. The lifeboat went alongside and took in five of the crew when a sea struck and capsized her. All hands managed to get hold of the boat and after drifting almost a mile were picked up by the tug *D. H. Thomas.* Then having righted their boat they went back to the wreck and rescued the remainder of the crew.

The boat was of the Beebe-McLellan self-bailing type, but I am of the opinion that they are not much good, as they are extremely difficult to right again when they once capsize. A new boat built after a design by the late S. C. Campbell was immediately sent off to Scatari to replace the other one and it seems to be giving satisfaction.

Devil's Island.—Inspected station on September 22. Everything satisfactory.

Herring Cove.—Inspected station on September 22. Satisfactory. On March 13, the boat was called out to go to the schooner *Isleworth* ashore at Chebucto Head, but after pulling for some hours against a head sea, was forced to return.

Port Mouton.—Usual drills, &c., carried on during season.

Cheticamp, N.S.—I visited this placé on September, 1911, with a view of seeing if I considered it necessary to establish a station. On my return I recommended that a station be established, equipped with a power lifeboat and a lookout house on a point about two miles from the town. This was approved and steps taken to establish a station early the following year as soon as the weather conditions would permit of building.

Richibucto, N.B.—A dwelling house was built at this station and the crew engaged permanently for the season of navigation, the crew consisting of a coxswain and eight men.

Canso, N.S.—Went to the assistance of the schooner *Rodora* on June 23, and took on crew.

Again on Aug. 16, 1911, they went to the assistance of the barque *Matilda* which was stranded.

I inspected this station and found everything in very good order.

Clark's Harbour.—Thos. Nickerson, coxwain, retired from the service, and Wm. D. Attwood appointed in his place.

Baker's Cove.—Various repairs were carried out at this station and on November 15 the schooner *Reliance* went ashore in a gale of wind. The crew and their effects were landed by the life-boat.

Little Wood Island.—This is a permanent station equipped with a twin-screw Beebe-McLellan self-bailing boat, and during the year has rendered assistance to numerous fishing boats in distress. An auxiliary sloop was hired for the winter months, and it is intended to place a schooner of about 70 tons at the station.

On February 27, a new captain and crew were appointed. I inspected the station two or three times during the year and each time found everything in good order.

Pictou Island.—$230 was expended building new launchways.

Blanche.—During the evening of June 16, 1911, the steamer *Ben Urn* ran ashore on Half Moon rocks in a dense fog. The crew was saved by the life-boat in conjunction with the ship's boats.

On July 3, during a thick fog, signals of distress were heard. The life-boat's crew went out and found the SS. *Bridgewater* lost her bearings, and were piloted into safety by the life-boat.

Telephone communication is in the course of erection at this station.

Consecon, Ont.—John McLean, coxwain, resigned, and Everett P. Cox appointed in his place.

Priest Pond, P.E.I.—The rocket brigade increased from 7 to 12 men to make a complete crew. In August, 1911, silver watches were awarded to J. McDonald and Jos. McEachern, two of the rocket brigade, for heroic conduct in rescuing a fisherman in a very heavy sea. These watches were presented to the men in October by Mr. Lord, inspector of life saving stations in Prince Edward Island.

On November 15 the brigade received a call from Souris 12 miles distant where a schooner was ashore and breaking up. The distance of 12 miles the brigade covered in about 3 hours which was good work owing to the roads being very heavy. On arrival they found the crew of the schooner had been rescued by the lifeboat and their assistance was not required.

Charlottetown, P.E.I.—In May the boat went out to the assistance of a schooner on a shoal. The schooner was got off.

On Octber 19 a schooner was reported in distress and the crew went to assist but their services were not required.

Cascumpeque, P.E.I.—A new coxswain was appointed at this station in place of John Champion who took charge of the Alberton rocket apparatus.

Souris, P.E.I.—On November 15, 1911, the schooner *North America* went ashore in a heavy gale, and the crew was rescued by the lifeboat.

Collingwood, Ont.—The usual drills were performed. Nothing of importance occurred at this station.

Long Point, Ont.—Station commissioned on April 1 and a telephone line was constructed from the station into the Big Creek Shooting Co's buildings, the work being done by the crew.

On November 21 two steam barges went ashore on Long Point, and the crew of the lifeboat went to their assistance and eventually both were floated off without much damage.

Port Stanley, Ont.—The usual drills were performed.

Goderich, Ont.—The usual drills were performed.

Point Pelee, Ont.—Station commissioned with a permanent crew for the season of navigation on April 1. Station inspected twice by Captain Robinson of *Vigilant*.

Toronto, Ont.—The usual drills were carried out. Mr. William Ward, the coxswain, died after nearly thirty years in the life-saving service. Frank Ward, his son, was appointed in his place. The question of establishing a permanent and more effective station was discussed.

Southampton, Ont.—Usual drills carried out. Improvement of station contemplated.

Kincardine, Ont.—Usual drills.

Cobourg, Ont.—Usual drills were carried out.

Port Hope, Ont.—The usual drills were carried out.

Escuminac, N.B.—Slip way was built at a cost of $15. Usual drills carried out.

Banfield Creek, B.C.—This station is in commission all the year round; until March with a full crew, when it is reduced for the summer season.

A new Standard motor engine has been placed in the boat and the boat given a thorough overhaul.

Clayoquot, B.C.—Station in commission from November to March. In October slipway was repaired at a cost of $100. The station was inspected by Mr. Gordon Halkett, who reported well on the crew.

Ucluelet, B.C.—This station was commissioned in November with a new crew and Wm. L. Thompson as coxswain.

On October 13, a gasoline launch was reported in distress. A volunteer crew assembled and went to her assistance, saving the crew and boat.

In February, 1912, while taking stores to some starving settlers the lifeboat capsized with the result that one of the crew, Toralf Wingen, lost his life in spite of heroic attempts of the coxswain to save him. The coxswain, Mr. Thompson, was awarded a gold watch in recognition of his bravery in endeavouring to save Mr. Wingen.

HENRY THOMPSON,
Commander, R.N.,
General Superintendent Life Saving Service.

EXPENDITURE REWARDS SAVING LIFE, 1911-12.

General account		$ 6,518 02
Nova Scotia—		
Bay View	$6,900 00	
Baker's Cove	931 80	
Blanche	400 00	
Brier Island	365 00	
Canso	404 00	
Clark's Harbour	433 05	
Devil's Island	391 84	
Duncan's Cove	620 17	
Herring Cove	330 62	
Pictou	501 00	

Port Mouton	664 42	
Sable Island	2,279 19	
Scatarie	118 39	
Seal Island	1,062 50	
St. Paul's Island	30 66	
Whitehead	315 00	
		16,047 64
Prince Edward Island—		
Alberton	257 39	
Cascumpec	249 32	
Charlottetown	731 03	
Priest Pond	482 50	
Souris	565 58	
		2,285 82
New Brunswick—		
Escuminac	263 00	
Little Wood Island	6,058 94	
Richibucto	1,010 74	
		7,332 68
Quebec—		
Magdalen Island		100 00
Ontario—		
Cobourg	334 15	
Collingwood	271 00	
Goderich	344 24	
Kincardine	271 00	
Long Point	5,585 90	
Pelee	4,125 97	
Port Hope	307 00	
Port Rowan	730 92	
Port Stanley	271 00	
Southampton	279 00	
Toronto	444 00	
Weller's bay	283 00	
		13,247 18
British Columbia—		
Banfield	12,994 19	
Clayoquot	4,133 83	
Cluoose	90 00	
Seven Mile creek	281 15	
Tassiat Lookout	180 00	
Ucluelet	5,280 64	
West Coast sheds	161 78	
		23,121 59
Outstanding advance 'Nickerson'		100 00
		$68,752 93

REWARDS FOR SAVING LIFE FROM APRIL 1, 1911, TO APRIL 1, 1912.

July 3, 1911.—One pair binoculars for captain, one gold watch for 2nd mate and one silver watch for boatswain of *Dennamare* for rescuing crew of steamer *Enterprise.*

August 9, 1911.—Two Ladies' gold watches for Mrs. Eva Homans and Miss Gertrude Roy for saving the lives of Percy and Alton Roy.

September 16, 1911.—One silver watch for Edward Kinney for saving lives on two different occasions.

November 8, 1911.—Two silver watches for Gabriel Billiard and Simeon Ayer for their bravery in rescuing Thos. Burke.

January 8, 1912.—One silver cup for Captain R. G. Richards, of the ss. *Glenmay* for services rendered to the schooner *Renoun*.

January 10, 1912.—Two gold watches for Capt. P. H. Uberroth and Gunner Karl Johannsen of the U.S.R.C. *Gresham,* for services to Canadian schooner *S. A. Fownes.*

May 31, 1912.—Two silver watches for Wm. P. Devoe and Jas. Stubbart for rescuing Wm. and Angus Stubbart.

LIFE-SAVING *Stations maintained*

Number.	Stations.	Established.	Coxswain.	Crew.	Coxswain's salary. — Per annum.	Pay of Crew.
					$	
	New Brunswick—					
1	Little Wood Island	1910	Harry Harvey..	8	60	$35 per month, 50c. a day board.
2	Richibucto	1907	Albert Long....	8	60	" "
3	Point Escuminac	1908	E. F. Flieger...	7	75	$2.00 per drill.
	Nova Scotia—					
4	Baker's Cove	1886	A. Cain	7	75	" "
5	Blanche	1889	W. A. B. Smith	7	75	" "
6	Clark's Harbour	1900	W. D. Attwood.	7	75	" "
7	Canso		J. J. Berrigan...	7	75	" "
8	Devil's Island	1885	B. H. Henneberry.	7	75	" "
9	Duncan's Cove	1886	J. W. Holland...	7	75	" "
10	Herring Cove	1885	J. Gorman.....	7	75	" "
11	Pictou Island	1889	Duncan McCallum.	7	75	" "
12	Port Mouton	1889	Walter Cook....	7	75	" "
13	Scatarie	1885	T. Nearing.....	7	75	" "
14	Seal Island	1880	Thos. Symonds	7	250	$100 per annum
15	St. Paul's Island	1885	Supt. Humane Establishment	3	.....	$300 each per annum
16	White Head	1890	H. P. Monroe...	7	75	$2 per drill and extra when saving life.
17	Sable Island	1885	G. Soderberg.. / J. Ritcey		250 / 250	Paid as island staff.
	Cheticamp, N.S	1911	M. Maillett.....	7	.....	Com. $60, eng. $50, crew $35 during season of navigation.
	Bay View (Digby Co.)	1911	T. Hayden.....	7	.....	Com.$60 per mon. eng. $50, crew 35 and $15 a month board.
	Prince Edward Island—					
18	Priest Pond	1909	J. J. Ryan.....	12	75	$2 per drill and extra when saving life.
19	Charlottetown	1907	E. White.....	.....	.....	" "
20	Souris	1907	N. McIntosh....	7	75	" "
21	Alberton	1907	John Champion.	12	75	" "
	British Columbia—					
22	Banfield	1909 / 1907	Geo. Murray....	11	40	Eng. $75, crew $65 per month, 70c. for board.
23	Uclu let	1908	W.L. Thompson	9	85	$65 per month for men during season and 65c. board.
24	Tassiat	1907	W. Kennedy....	1	60	Patrol

by the Dominion Government.

Description of Boat.	Cost.	Where Built.	Equipment.	Remarks.
	$			
Beebe-McLellan twin screw, motor boat.	2,500	Sorel, P.Q.....	Full regulation..	Station built 1911 and telephone communications established between Grand Rock, Little Wood Island and Seal Cove.
Race point surf-boat, 24 feet long.	225	"	"	New Dwelling house in commission during season of navigation.
Beebe-McLellan self-bailing.....	225	"	"	Boathouse to be built.
Dobbin's pattern self-righting, 25 feet long.	575	Dartmouth, N.S	" ..	Iron rails laid in 1900.
Beebe-McLellan surf-boat, self-bailing, 25 feet long.	250	" ..	" ..	New boat, 1901.
Beebe-McLellan self-bailing, 25 feet long, low ends.	250	" ..	" ..	Boathouse completed June 7, 1909.
Dobbin's pattern, surf-boat, self-bailing, 25 feet long.	575	" ..	" ..	Lyle gun at this station.
Beebe-McLellan surf-boat, self-bailing, 25 feet long.	250	Shelburne, N.S	" ..	Lyle gun at this station and new boat in 1903.
" "	250	" ..	" ..	
Dobbin's pattern, self-righting and bailing, 25 feet long.	575	Dartmouth, N.S	" ..	
" "	575	" ..	" ..	
Beebe-McLellan surf-boat, self-bailing, 25 feet long.	250	Shelburne, N.S.	" ..	New boat in 1903.
Beebe-McLellan boat on east side	240	" ..	" ..	"
Beebe-McLellan boat on west side.	240	Halifax, N.S....	" ..	"
Beebe-McLellan self-bailing, 25 feet long, low ends.	250	Shelburne, N.S	" ..	Lyle gun here since 1903.
Dobbin's pattern, surf-boat, self-bailing, 25 feet long.	575	Dartmouth, N.S	" ..	
Two Dobbin's pattern, self-righting and bailing, and one Beebe-McLellan surf-bailing.	1,100	Halifax, N.S....	" ..	Lyle gun and rocket apparatus at this station. Coxswain under control of Supt. of Humane Establishment.
Beebe-McLellan twin screw, motor boat.	2,500	Sorel, Q.....	" ..	New station with lookout tower and telephone communication in course of construction.
36 feet, self-bailing, self-righting power boat.	9,500	Bayonne, N.J..	" ..	Station in the course of construction.
Board of Trade apparatus.....		England.....	" ..	
Beebe-McLellan self-bailing.....	225	Shelburne, N.S	" ..	
" "	225	" ..	" ..	
" "	225	" ..	" ..	Rocket apparatus has been placed and house for the same.
Doherty's Improved Beebe-McLellan, 25 feet long.	575	Vancouver Shipyard Co., Vancouver, B.C.	" ..	Placed at Pachena Bay.
Self-righting self-bailing power, lifeboat, 36 feet long.	1,184 52	Bayonne City, U.S.A.	" ..	New motor boat and Lyle gun in combination with Pachena Bay.

LIFE-SAVING Stations maintained by

Number.	Stations.	Established	Coxswain.	Crew.	Coxswain's salary. Per annum.	Pay of Crew.
					$	
25	Clayoquot	1908	A. Arnet	8	85	$65 per month when employed. 70c. per day board.
26	.....	.....	.....	.....	.....	.....
	Ontario—Great Lakes—					
27	Cobourg	1882	D. Rooney	6	75	$2 per drill and extra when saving life.
28	Collingwood	1885	G. F. Watts	7	75	" "
29	Goderich	1886	D. MacKay	7	75	$2 per drill and extra when saving life.
30	Kincardine	1903	Thos. McGaw	7	75	" "
31	Long Point	1902	Jas. Smith	9	75	1st April to Dec., cox. $60 per month, crew $45 per month, $15 board.
32	Point Pelee	1900	L. Wilkinson	7	75	1st April to 15 Dec., cox. $60 per month, crew $50 per month, $15 board.
33	Port Hope	1889	W. T. Clark	7	75	" "
34	Port Stanley	1885	J. R. Moore	7	75	" "
35	Toronto Island	1883	Frank Ward	11	75	Cap. $100 per month, mate $80, 2nd mate $70 and crew $65, and 75c. per day, board allowance, during season of navigation.
36	Consecon	1898	R. Bedford	7	65	" "
37	Southampton	1907	Hector McLeod	7	75	" "

NOTE—There are several other places in Canada, not regularly organized, which receive support from N.S., Cape Tormentine, N.B., and Wellington on Lake Ontario. There is also a life saving station at

the Government—*Concluded.*

Description of Boat.	Cost.	Where Built.	Equipment.	Remarks.
	$			
Doherty's Improved Beebe-McLellan, 25 feet long.	575	Vancouver Shipyard Co.	Full regulation.	
.....	.....	.....	.....	.....
Dobbin's pattern, self-righting and bailing.	750	Goderich, Ont..	" ..	
Beebe-McLellan self-bailing surf-boat.	375	Collingwood, O.	" ..	New boat in 1896.
Surf-boat.....	330	Collingwood, O.	" ..	New boat in 1892.
Beebe-McLellan self-bailing, surf-boat.	350	" ..	" ..	New boat in 1903.
Surf-boat.....	500	" ..	" ..	Station moved to east end of Point. Telephone communication being established.
"	350	" ..	" ..	A tramway has been constructed at this station.
Dobbin's pattern, self-righting and bailing.	620	Goderich, Ont..	" ..	
Beebe-McLellan surf-boat, self-bailing, 25 feet long.	350	Collingwood, O	" ..	
Dobbin's pattern, self-righting and bailing.	600	Goderich, Ont..	" ..	Fast motor boat being built. Removed from Popular Point in 1900.
" "	750	" ..	" ..	Removed from Wellington in 1893.
Beebe-McLellan surf-boat, self-bailing.	330	Collingwood, O.	" ..	

the Dominion Government, where there is a life-saving service of more or less importance, such as Halifax, Victoria, B.C., maintained by the Victoria Life Saving Association.

APPENDIX No. 15.

CITADEL SIGNAL STATION, HALIFAX, N.S.

RECORD of Shipping as per record folio from April 1, 1911, to March 31, 1912.

Months.	Men of War, British.			Men of War, Foreign.			Steamers, 1st Class.			Steamers, 2nd Class.			Ships, Barques and Barquentines.			Brigs and Brigantines.			Schooners, 3 mast or bearing Pt. Signal.			Monthly Totals.		
	R.	A.	P.	R.	A.	P.	R.	A.	P.	R.	A.	P.	R.	A.	P.	R.	A.	P.	R.	A.	P.	R.	A.	P.
1911-1912.																								
April	1	1					68	68		36	36		2	2					8	8		115	115	
May	2	2					43	43		59	59		3	3					9	9		116	116	
June	1	1		2	2		45	44	1	65	65		4	4					13	13		130	129	1
July	1	1					62	62		68	68		4	4					11	11		146	146	
August	2	2		1	1		55	53	2	76	76		1	1					13	13		148	146	2
September							60	58	2	64	64					1	1		7	7		132	130	2
October							66	65	1	62	62		2	2					8	8		138	137	1
November	4	4					59	58	1	50	50		2	2					9	9		124	123	1
December							80	75	5	63	63								8	8		151	146	5
January							84	79	5	34	34								8	8		126	121	5
February							62	62		20	20								3	3		85	85	
March							82	77	5	25	25		2	2					6	6		115	110	5
Totals	11	11		3	3		766	744	22	622	622		20	20		1	1		103	103	1	5261	5041	22

Total vessels reported 1,526
" arrived 1,504
" passed 22

F. C. KILBURN, Capt. R.C.E.,
Superintendent of Signals.

APPENDIX No. 16.

SABLE ISLAND.

SABLE ISLAND, December 16, 1911.

CHAS. H. HARVEY, Esq.,
Agent Marine and Fisheries,
Halifax, N.S.

SIR,—I beg to submit the following report for the current year on repairs, equipment, patrol and other information relating to the year's work.

WRECKS.

No known wrecks have occurred during the year. The stranded steamers S. *Kidley* and *Heimdal* are in not much worse condition than when last reported on.

BOATS AND APPARATUS.

A new Beebe McLellan self-bailing lifeboat was received at the first of the year. This boat was painted and fitted on the boat carriage at No. 1 station. The Beebe surf boat which it replaced was placed in the No. 4 boathouse north side.

No change was made in the rest of the life saving equipment and it is all in good condition.

PATROL.

The island was patroled 63 times in the morning and 28 times in the evening.

STAFF CHANGES.

Gustaf Soderburg, keeper of No. 4 station for ten years and a member of the staff almost continuously for twenty-five years, owing to ill health resigned and was succeeded by James A. Ritcey, April 5.

Wm. Byrne, the carpenter for seven years, resigned in September, his place is not filled at this date.

REPAIRS, ETC.

The new 'Beebe-McLellan' lifeboat and two surf boats were painted two coats.

Repair of shingles and new door in warehouse at No. 1, and new floor in barn mow.

Seven miles of new telephone wire stretched and one mile new poles were erected and various repairs to line.

NO. 3 STATION.

Dwelling general repair. Raised and concrete blocking placed under it.

Concrete cellar wall and a water tank of 1,400 gallons capacity built under ell.

FARMING.

At No. 1 about the usual quantity of vegetables were raised, although the season was very warm and dry. 150 bushels mangels, 16 bushels carrots and 6 bushels of parsnips, 15 bushels beets, 75 bushels potatoes, 10 bushels turnips.

English hay was below the average about 12 tons. Wild hay was not equal to a good year, but about 120 tons were made and stored over the whole island.

Stock killed—

8 beeves weighing 5,583 lbs.
7 calves weighing 420 lbs.
6 hogs weighing 900 lbs.

Stock on hand—

68 head horned cattle.
30 working horses.
2 imported mares.
2 imported stallions.
6 colts from imported stock from 2 to 3 years.

200 wild ponies.
5 hogs.

Shipped and ready to ship—

72½ brls. cranberries.
31 ponies.
1 working horse.
5 brls. salted hides.

Bedding and Sailors' Clothing—

10 mattresses, 40 prs. blankets, 10 spreads, 1 piece of ticking, 16 jackets, 13 prs. pants, 11 vests, 20 shirts, 13 caps, 12 suits underclothing, 30 prs. shoes, 17 prs. socks.

CENSUS.

Main Station.—Supt. R. Boutilier, wife and daughter, 3; Cook, John Borgal; Supernumerary, J. Dunn; Boatmen, Victor Horne, M. Noonan, A. Dunsworth, E. McGrath, D. Kennedy, 7—10.

No. 2 Station.—Keeper D. Henneberry, wife and three children, 5.

No. 3 Station.—Keeper, Stewart Glazebrook, wife and two children, 4; Assistant, A. Henneberry, 1—5.

No. 4 Station.—Keeper, J. A. Ritcey, wife and three children, 5; Assistant, E. DeYoung, Wm. White, 2—7.

West Light.—Keeper, John Edwards, wife and four children, 6; Assistant, C. Cleary, 1—7.

East Light.—Keeper, John Gregoire, wife and four children, 6; Assistant, Henry Nangle, 1—7

Marconi Wireless Station.—Chief, J. J. Collins; Operators, Kelly, Gosse, Lawton; Cook, Blank—5.

Total—46.

Your obedient servant,

R. BOUTILIER,
Superintendent, Sable Island.

APPENDIX No. 17.

BOARD OF STEAMBOAT INSPECTION, CHAIRMAN'S REPORT.

OTTAWA, October 10, 1912.

To the Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit the annual report of the Steamboat Inspection Service of the fiscal year ending March 31, 1912.

It contains the work of the service during the time stated, giving the names and number of steamboats inspected in the several divisions and their gross tonnage, with the amount of dues collected from steamers employed in the carriage of passengers between Canadian ports but registered elsewhere than in Canada, and the amount of fees received for engineers' examinations, with the names of the candidates and their grade of certificate, &c.

INSPECTION STAFF.

Owing to the increased work in this branch, it was found necessary during the past year, to increase the inspection staff, Mr. G. M. Arnold being appointed steamboat inspector for the Toronto district, and Mr. J. M. Martin receiving the position of clerical assistant and ships tackle inspector at St. John, N.B.

In the month of January of the fiscal year ending March 31, 1912, the department lost the services of Hull Inspector, Mr. C. Seeley, of Halifax, N.S., and of Mr. L. Arpin, steamboat inspector, Montreal, the former dying on January 29, and the latter resigning on the 31st. Arrangements have been made towards filling the positions vacated.

NUMBER of Steam Vessels reported as known by the Inspectors of Steamboats in the Dominion for the year ending March 31, 1912, also the number of Steamers inspected but not registered in the Dominion for the same period.

Division.	Number of Dominion registered steamers.	Gross tonnage of Dominion registered steamers.	Number of steamers inspected but not registered. in the Dominion.	Gross tonnage of steamers inspected but not registered in the Dominion.
Toronto	368	128,613	51	64,163
Collingwood	168	58,712	4	6,801
Kingston	186	43,350	21	8,143
Montreal	238	28,525	9	24,704
Sorel	112	48,349	.....	
Quebec	114	25,813	5	5,446
Nova Scotia	182	40,820	20	34,636
New Brunswick and Prince Edward Island	174	46,154	7	14,209
Vancouver and Yukon	266	38,129	8	4,713
Victoria	137	63,100	28	35,310
Manitoba and North West Provinces	186	24,755	9	15,671
Total	2,131	546,320	162	213,796

NUMBER of Dominion Registered Steamers inspected and their gross tonnage, with amount of fees collected on account of steamboat inspection during the year ended March 31, 1912.

Division.	Number of Dominion registered steamers inspected.	Gross tonnage of Dominion registered steamers inspected.	Amount of fees collected on account of Steamboat Inspection.
			$ cts.
Toronto	324	126,938	184 08
Collingwood	135	56,209	
Kingston	173	42,709	
Montreal	197	26,276	289 44
Sorel	100	44,893	
Quebec	104	25,200	323 12
Nova Scotia	159	39,626	2,311 91
New Brunswick and Prince Edward Island	144	25,658	
Vancouver and Yukon	239	36,501	91 36
Victoria	136	63,056	802 40
Manitoba and North West Provinces	122	22,063	
Total	1,833	509,129	4,002 31

BOARD MEETINGS.

In order to meet the steady growth of the steamboat inspection work in the Toronto Division, it was found necessary to appoint a new inspector. A board meeting was held for this purpose at Toronto from March 18 to 23, to examine Mr. George Medland Arnold, for the position of steamboat inspector. This gentleman having successfully passed the examination, was appointed.

The Shipping Federation of Canada having requested that certain changes be made in the rules governing steamboat inspection, a board meeting was convened on January 30, in the office of the chairman at Ottawa, and sat till February 1.

The first request to be considered was that discrimination at present existing against Canadian registered foreign trade cargo vessels be removed. The decision of the board was that the question was covered by Act of Parliament and that the board had no jurisdiction in the matter.

The second matter brought forward by the Shipping Federation was that provision be made for reciprocal inspection in so far as Canadian and British registered vessels are concerned. The board was of the opinion that to have such reciprocal inspection, it would be necessary to adopt the Board of Trade regulations, which led to a discussion as to the advisability or otherwise of subjecting marine boilers to an annual hydrostatic test of 50 per cent in excess of the working pressure. The board found that where boilers were large enough to be entered and efficiently examined, a hydrostatic test of fifteen pounds per square inch above the working pressure may be permitted at the annual inspection, if considered by the inspector sufficient in the interests of safety. No decision was arrived at regarding the reciprocal inspection.

Whilst the board was sitting, the question was brought up of service required to permit of engineers receiving marine certificates. It was decided not to recommend any changes in the qualifications as at present required.

CASUALTIES.

The following are the casualties reported from the several divisions during the year ending March 31, 1912.

Toronto Division.

On June 24, 1911, a crank pin bolt of the SS. *Chicora* broke, this carried away the second bolt, the piston went through the bottom of the cylinder, the piston and top cover were also broken.

On August 21, 1911, the tug *C. C. Martin* foundered on Georgian Bay near French river, the entire crew of eight were drowned, the tug had the schooner *Albatross* in tow, the crew of which escaped in her yawl boat.

On August 21, 1911, the tug *Winslow* was totally destroyed by fire at Meldrum bay, Manitoulin island, the fire is supposed to have started in the coal bunkers.

Collingwood Division.

On May 17, 1911, the SS. *Emperor,* of Midland, broke the main engine crankshaft, bed plate and thrust bearing braces on Lake Huron, the steamer was loaded with coal and with the assistance of a tug continued the trip to Fort William, unloaded and returned to Collingwood for repairs. Cause of accident was defective material in centre of shaft.

On June 23, 1911, the SS. *Turret Chief,* of Newcastle, G.B., while under way upward bound on Lake Superior, had a tube in starboard boiler burst. Casualties, one man killed and another badly scalded.

On November 17, 1911, the SS. *Turret Chief,* of Newcastle, G.B., upward bound on Lake Huron went ashore on Cove island, in a gale, was got off and repaired at Collingwood. No casualties.

On November 22, 1911, tug *Ahteek,* of Sault Ste. Marie, burnt and sank in the vicinity of Richards Landing whilst proceeding from John Island to Sault Ste. Marie. Cause of fire unknown. No casualties.

On November 25, 1911, the SS. *Maud D,* of Toronto, was burnt at the dock at Midland. Cause of fire unknown. No casualties.

On December 4, 1911, the SS. *Wanita,* of Toronto, was burnt at the dock, Burks Falls, total loss, cause of fire unknown. No casualties.

Kingston Division.

April 20, 1911, SS. *Senator Derbyshire,* proceeding from Oswego to Brockville, broke mainshaft at the thrust ring, new one fitted and the vessel proceeded.

May 2, 1911, SS. *Aletha,* of Kingston, when leaving Kingston for Picton, main stop valve broke, vessel drifted ashore opposite Kingston. No fatalities. Vessel was got off and repaired.

July 12, 1911, the SS. *Caspian,* of Kingston, bound up the Bay of Quinte went ashore above Northport, vessel was got off and repaired. No casualties.

August 6, 1911, the SS. *Rosalind C,* of Toronto, destroyed by fire whilst lying at the wharf at Callander, Lake Nipissing. No person aboard at time. Cause of fire unknown.

Montreal Division.

May 30, 1911, the SS. *Filgate,* of Montreal, while lying at the wharf at Valleyfield was totally destroyed by fire. Cause of fire unknown. No casualties.

Quebec Division.

May 31, 1911, SS. *Quebec,* proceeding from Montreal to Quebec, while turning in the Richelieu river at Sorel went ashore, causing the loss of her rudder. She was towed to Quebec and new rudder fitted.

June 28, 1911, the SS. *General Wolfe,* of Hull, G.B., foundered and became a total loss off Murray Bay after being in collision with the SS. *Arranmore.*

July 22, 1911, SS. *Amethyst* went ashore on Hutton Head, Newfoundland, total loss. No casualties.

August 20, 1911, tug *Chieftain III.* proceeding from Quebec to Montreal, was in collision with the SS. *Hero* and sank. Four of the crew drowned.

September 15, 1911, SS. *Natashquan*, proceeding from Natashquan to Quebec, propeller shaft broke loosing propeller. The vessel was towed to Quebec and a new shaft and propeller fitted.

Nova Scotia Division.

April 7, 1911, SS. *Harlow* sunk in collision with ice, off St. Pauls island, returning from sealing trip. Vessel total loss. No casualties.

July 25, 1911, SS. *John Irwin* foundered off Isaacs harbour, vessel total loss, twelve lives lost.

November 15, 1911, SS. *Electra* ashore at Etang, total loss, no lives lost.

December 27, 1911, SS. *Kenwick* sunk after collision with SS. *St. Pierre Miquelon* two miles west of Country harbour. Vessel total loss. Three lives lost.

March 16, 1912, SS. *Bona Vista*, during heavy gale was driven ashore on Brier island. Vessel total loss. No lives lost.

New Brunswick and Prince Edward Island Division.

August 20, 1911, tug *Joseph*, while at work in St. John harbour fractured crankshaft, new shaft fitted.

September 7, 1911, SS. *Sincennes*, whilst lying at the wharf at Coles island, caught fire, wood upper works totally destroyed. Cause of fire unknown. Two lives lost.

January 14, 1912, SS. *Hamton*, whilst laid up at the wharf, North End, sprang a leak and sank. The vessel was afterwards raised, it is presumed leakage caused by ice.

On January 18, 1912, SS. *Majestic*, whilst laid up for the winter, caught fire between decks, a considerable amount of damage resulting. Cause of fire unknown. No lives lost.

Manitoba and Northwest Provinces.

October 9, 1911, the tug *Gordon Gauthier*, proceeding from Blind river to Port Arthur, caught fire, and was totally destroyed. Cause of fire unknown.

British Columbia and Yukon Division.

April 1, 1911, Dominion Government dredge *King Edward* and stern keel tug *Firefly* in collision, when attempting to pass through the draw span of the North Arm bridge, Fraser river, suction pipe, and 'A' frame of dredge lost. Aboard the *Firefly* the boiler shifted breaking steam pipe. No casualties.

May 3, 1911, the SS. *Hazel Dollar*, proceeding from Everett, Wash., to Hankow, China, stranded on possession Point, Puget Sound. Extensive damage done, vessel repaired and overhauled in Seattle. Resumed voyage August 3.

August 27, 1911, leaving Mororan, Japan, stranded on Ponmoshiri shoal near Diakoku island. Vessel floated and finished voyage to Hankow, discharged and proceeded to Shanghai to dry dock where extensive repairs were again made.

May 21, 1911, SS. *La France*, bound down the Yukon river, went aground on Twelve Mile rock, Thirty Mile river. During the following night took fire and burnt to water line. Total loss. No lives lost.

May 30, 1911, SS. *Amur*, proceeding from Victoria to Skagway struck a rock in Wrangel Narrows, serious damage to starboard bilge and tank top. Temporary repairs were made to Wrangel, proceeded to Skagway and discharged. Returned to Victoria and laid up, owners not intending to repair.

July 9, 1911, the SS. *Belfast,* of Vancouver, burnt to the water line at False Narrows, near Nanaimo, B.C., vessel laden with lime became a total loss, boiler and machinery salved. Cause of fire supposed to be spontaneous combustion. No lives lost.

September 17, 1911, *T. S. Venture* proceeding from Victoria to northern B.C. ports, struck heavily on a reef off Pender island, Johnston straits. Proceeded on voyage and on return to Victoria was repaired and returned to service.

October 12, 1911, tug *Hopkins* whilst attending fish traps off Sooke, Vancouver island, struck a rock, in fog off Simpson point and remained. Came off at flow of tide, returned to Victoria, was repaired and returned to service.

October 14, 1911, SS. *Princess Beatrice,* proceeding from northern ports to Victoria, stranded on Noble island, Christy passage, and remained. Was floated October 17, towed to Esquimalt. Extensive repairs made and returned to service.

October 22, 1911, tug *Noname,* during dense fog was in collision with SS. *Iroquois* of Seattle, U.S.A., off Sand Heads, Fraser river. Tug total loss. No lives lost.

November 14, 1911, tug *Chemainus,* lying at coal bunkers, Vancouver harbour, caught fire. Was scuttled to save hull and machinery, afterwards raised and towed to Chemainus where she was overhauled. Returned to service March, 1912.

November 17, 1911, *T. S. Henriette,* proceeding from Ketchikna, Alaska, to Vancouver, struck a reef off Whitley point, Dundas island, proceeded to Victoria, was repaired and returned to service.

November 26, 1911, SS. *Tees,* proceeding to ports on west coast of Vancouver island, struck a rock at Koksuttle arm, Kyuquot sound, damaging propellor and twisting rudder stock. Was towed back to Victoria, new propellor and tail shaft fitted, also new rudder and stock. Returned to service.

January 19, 1912, tug *Storm King* struck a rock on Joyce point, Lewis channel, and settled aft in thirty feet of water. The boiler shifted, fracturing main steam pipe. The vessel was afterwards re-floated and repaired. No casualties.

I am sir,

Your obedient servant,

FRANK McDONNELL,
For Chairman Board of Steamboat Inspection.

APPENDIX No. 18.

RECORD of Live Stock shipped from May, 1911, to May, 1912, to ports in Great Britain.

FROM MONTREAL.

Months.	Sheep.	Cattle.	Horses.	Mules.	U. S. Cattle.
1911.					
May	2,708	8,183	94	.....	3,187
June	496	7,653	9	.....	4,346
July	280	9,513	5	96	4,319
August	2	6,657	15	49	1,949
September	.....	4,281	.....	.....	904
October	239	6,287	7	50	93
November	.....	3,392	8	125	893
Total	3,725	45,966	138	320	15,691

FROM ST. JOHN, N.B.

1911.					
December	1,199	874	.....	52	754
1912.					
January	599	1,127	.....	.....	1,127
February	.....	.....	13	149	.....
March	.....	.....	.....	174	.....
April	.....	.....	1	49	.....
Total	1,798	2,001	14	424	1,881
Total from Canada	5,523	47,967	152	744	17,572

COMPARATIVE STATEMENT of the number of Cattle shipped from Canada to British ports from the years 1902-3 to 1911-12.

	Sheep.			Cattle.			Horses.			Totals.		
	Montreal.	St. John.	Halifax.	Montreal.	St. John.	Halifax.	Montreal.	St. John.	Halifax.	Sheep.	Cattle.	Horses.
1911-12	3,725	1,798	Nil.	45,866	2,001	Nil.	138	* 14	Nil.	5,523	47,967	152
1910-11	248	2,508	"	72,555	3,301	"	497	19	"	2,756	75,856	516
1909-10	1,616	Nil.	"	94,314	4,632	"	286	Nil.	"	1,616	98,946	286
1908-9	10,111	151	"	99,830	22,923	3,097	116	65	"	10,262	125,850	181
1907-8	11,585	4,168	"	96,977	20,210	Nil.	174	51	"	15,753	127,187	225
1906-7	10,791	1,371	"	128,160	38,148	"	661	57	"	12,162	159,308	718
1905-6	19,077	3,971	"	126,871	33,543	1,042	568	79	"	23,048	161,456	647
1904-5	49,422	17,283	"	108,553	33,833	745	279	213	"	66,715	143,131	492
1903-4	57,741	23,428	1,475	133,594	25,855	5,456	361	31	31	82,644	164,905	423
1902-3	61,017	19,310	426	147,201	37,453	3,856	373	115	17	80,753	188,510	503

APPENDIX No. 19.

REPORT OF OPERATIONS CARRIED OUT BY HARBOUR COMMISSIONERS OF MONTREAL, 1911.

Hon. J. D. Hazen,
Minister of Marine and Fisheries.

Sir,—It is with continued satisfaction that the commissioners submit their report for the year ending December 31, 1911, for your approval. Notwithstanding the fact that the business for the previous years was the largest in the port's history, that done in 1911 was still greater.

This is not alone true in the sense of actual ship tonnage and trade volume, but also true in a constructional sense as the growth of the port in facilities and equipment during the past year has also exceeded in extent the same work done in any single previous year.

The commissioners, however, realize that Canada's growth is proceeding at a faster rate than the facilities to take care of her business are being created.

This fact alone accounts in a large measure for the serious problem of congested business which is met with at certain periods of the season. In this connection it must not be forgotten that converging at the port of Montreal are all the railways of Canada, the entire inland water-borne traffic, the ocean and maritime tonnage, the whole of which must be taken care of simultaneously with the construction and creation of much needed new facilities.

NEW STEAMSHIP LINES AND STEAMSHIPS.

During the past year the official inauguration of the new Cunard line service between London and Montreal, calling at Southampton, took place on June 3, with the arrival of the SS. *Ascania*. It is a matter of no little pride to record the fact that the oldest transportation company on the north Atlantic has been added to the shipping facilities of the port. A new service of steamships between the port of Montreal, New Zealand and Australia was also established by the New Zealand Steamship line.

The SS. *Toiler*, the first oil freighter in American trade, was also added, while the new Allan liner *Scotian* and White Star liner Teutonic were in service throughout the season.

MARINE INSURANCE RATES.

This object has been repeatedly brought to the attention of the commissioners with a view of obtaining some relief in a lower tariff on hulls and cargoes.

The president proceeded to Europe in May on the invitation of the minister to discuss this question with Lloyds in London. A carefully prepared statement showing the improvements to the channel, the modern aids to navigation installed and the constant reduction in number of accidents had already been presented to a special conference of underwriters held on March 8, at the 'Royal Exchange.'

The attitude of the underwriters was fair and generous with a hesitancy to declare anything definite until the experience of the route would justify the consideration of a re-adjustment of rates.

RETIREMENT OF MR. AIME GEOFFRION, K.C.

Mr. Aime Geoffrion, K.C., retired as counsel of the board, and was replaced by the Hon. A. R. Angers, K.C.

TRIP TO QUEBEC.

On the invitation of the Quebec harbour commissioners, the three members of the board, accompanied by the Deputy Minister of Marine and Fisheries, proceeded to Quebec on the tug *Sir Hugh Allan*, and were royally entertained by their Quebec confréres. An enjoyable day was spent in inspecting the different works in progress, including the Quebec bridge site.

Luncheon was served on board the government steamer *Druid* and dinner was offered the Montreal commissioners at Kent House in the evening.

UNVEILING MONUMENT TO HON. JOHN YOUNG.

October 4 His Excellency Lord Grey, the Governor General of Canada, unveiled the monument erected on Custom House Square by patriotic fellow citizens.

ST. HELEN'S ISLAND WHARF.

An agreement was entered into between the commissioners and the city of Montreal, whereby was constructed at the island a permanent ferry wharf. This new wharf is leased to the city for a term of years at a moderate annual rental.

NEW OFFICE BUILDING.

The growth of the grain business and traffic departments necessitated greater office accommodation, centrally located on the harbour front.

A site was consequently selected and a suitable office building erected for the accommodation of the different outside staffs connected with these departments. The size of the building is too great for the present needs of these staffs, so half the building has been leased to the Grand Trunk Railway Co. for its wharf traffic offices, and also to the Great Northern Quebec Railway Co.

TAXATION BY THE CITY.

During the year the civic authorities included in the civic assessment role the harbour property, upon which a value of $18,612,150 was put. The annual tax on a basis of this valuation would mean an annual assessment on the harbour revenue of $270,668.50.

As the harbour commissioners are only trustees for the Dominion government and the property taxed by the city belongs to the Dominion government, there seems to be little justice in the movement to tax Canada's national port. As the harbour revenue raised on the port's business now barely covers the interest charges on the money borrowed from the government anassessment by the city amounting to an annual sum of $270,668.50 if found to be legal, would have to be met by doubling the present wharfage traffic, which would efficiently diminish the port's power as a competitor for North American trade.

DRY DOCK SITE.

Constant work on this important piece of construction was carried on throughout the season. Sixteen and a half acres of reclaimed land out of a total of thirty acres were completed; foundations for the permanent basin walls on one side were laid, and the basin itself and approach channel almost completed to the required depth.

Unless unforeseen conditions arise the commissioners look forward to the arrival of the floating dock during the summer of 1912. This will give to the St. Lawrence

a dock capable of lifting a ship of 25,000 tons, or simultaneously repairing three smaller ships, virtually making three dry docks out of one. On the site adjoining the floating dock a complete ship repairing plant is to be erected, and an ultimate industrial development employing 2,000 men will be established.

ELGIN BASIN SEWER.

This nuisance caused by the emptying of one of the city's sewers into the Elgin basin, was, after repeated conferences with the city controllers, removed by an agreement with the city to close the sewer and divert the flow of sewage back into the Craig street tunnel at an estimated cost of $150,000, the harbour commissioners and the city to pay half the cost of the construction and the city to take legal action to settle the question of responsibility.

In the mean time the work will be done, the nuisance removed and the court will decide the question of payment on the merits of the case presented. The time is fast approaching when the health of Montreal's citizens will demand a more modern treatment of the whole sewage question. Navigable rivers and harbours are not the proper places to discharge the sewage of great cities.

LIFE SAVING.

The usual distribution of life saving appliances, life buoys, poles, hooks and ladders at convenient places along the quays, and the weekly inspection of same, was carried out with care and regularity.

ROAD CLEANING AND SCAVENGING.

This department was kept unusually busy owing to the large amount of construction going on and performed its duties with credit.

PURCHASING DEPARTMENT.

This department takes care of the daily and immediate wants of all the other departments in the way of purchasing supplies and has had a satisfactory and successful year.

TRAFFIC DEPARTMENT.

Another very successful year has gone to the credit of this department which handles all the rail traffic within the harbour, except certain movements carried out by the railroad companies on their own allotments. With the completion of the high level railway as far east as the locomotive works, the rail terminals of the Harbour Commission now afford an all the year round rail connection for the transfer and handling of freight between the different railroads. Furthermore, to all industrial establishments choosing the east end for their development the exceptional opportunity is afforded whereby the cars of all railways have access on equal terms to and from their workshops, affording a 12 months' continuous freight service. This will make possible the creation of a large winter freight terminal, whereby all the harbour sheds may be turned into a collecting centre for the distribution of freight during the winter months. The central position of these sheds, in the heart of the city, accessible to all railways, and shortening the cartage, should develop into one of the most economic distributing points in Canada.

HARBOUR YARD AND LOCOMOTIVE HOUSE.

The present location of the harbour yard on Papineau ave., where large quantities of stores are kept, has always been inconvenient from its isolation and distance from the work as a distributing point.

With the railway extension along the harbour front, the commissioners were able to select a new site adjoining harbour property and connected by rail with all parts of the river front. The purchase of 76,000 square feet of land was deemed advisable and the selection was made of a lot having a frontage on Notre Dame street of 385 feet and a frontage on the harbour of 399 feet.

Here are being erected the new reinforced concrete carpenter and blacksmiths' shops, machine shops, storehouses and offices. It is expected that considerable economy in time, handling and distribution will be affected by this change.

Here also is being erected a reinforced concrete locomotive house and repairing plant for the Traffic department, with coal towers and water supply for its use.

A large area of land is still available from this lot for development and extension.

NEW PLANT.

A new tug, the *John Young,* built at Sorel; and the *Beaver,* purchased from the Gilbert Company, were added to the towing fleet, as were also the dredge *Premier* and a 'drill scow.'

A new elevator hoist, capacity 15 tons, was erected at sheds Nos. 7 and 9 for the convenience of loaded teams to and from the upper stories of the sheds.

The ice-breaking tug *Sir Hugh Allan,* built at Barrow-in-Furness, by Vickers, Limited, arrived in June, having crossed the ocean under her own steam. This boat is the most powerfully engined now on the St. Lawrence, and is especially designed for clearing the basin and river of ice in the early spring and affording assistance to ships when necessary.

FLOATING CRANE.

This powerful lifting apparatus had the busiest year in its history and was constantly employed handling heavy freight which otherwise would have been shipped via a different port.

APPLICATION FOR NEW PERMANENT SHEDS.

The demand for increased first class accommodation greatly exceeds the present capacity of the harbour. To meet this as far as possible, the construction of an additional shed on the Victoria pier was commenced, and the erection of two permanent concrete sheds on the Tarte pier was undertaken, all of which have either been leased or spoken for by different shipping interests.

NIGHT NAVIGATION.

During the entire season the efficient buoying and lighting of the ship channel was much appreciated and contributed greatly to facilitate the arrival of incoming steamers and relieving congestion.

CHANNEL DEPTHS.

An unusually dry season—the dryest in fifty years—caused no little anxiety to ship-owners, but fortunately the low water depths of the channel, though causing much inconvenience, resulted in no casualty.

CHANNEL SWEEPING.

As usual, the ship channel within the harbour and the several basins were thoroughly swept in the spring and again in the fall, showing the depths to be well maintained.

FIRST VESSEL TO ARRIVE.

The SS. *Royal George,* Captain Harrison, arrived from sea on April 29, 1911.

DISTINGUISHED VISITORS.

Earl Grey.

Sir Thos. Price, Commissioner of Railways and Harbours, Union of South Africa.

150 Bostonians.
National Editorial Association.
Board of Trade.
Chamber de Commerce.
Montreal Corn Exchange Association.
Bankers' Association.
Hardware and Metal Association.
Canadian Manufacturers' Association.
Dry Goods Association.

GRAIN TRADE.

Work on harbour commissioners' grain elevator No. 2, capacity of 1,750,000 bushels, was vigorously proceeded with during the season. The capacity of this elevator has been increased to 2,600,000 bushels.

FLOATING ELEVATORS.

It will be remembered that at the earnest solicitation of the Montreal Corn Exchange Association, these elevators were acquired by the harbour commissioners two years ago, and have done good service in assisting in handling grain from barge and lake carrier to steamship.

PAYMASTERS' DEPARTMENT.

The business of this department has naturally grown with the busy constructional programme under way. Periodical inspection by the commissioners' auditors has revealed a satisfactory and efficient system administered.

FIRE PROTECTION.

Throughout the season special care has been taken to maintain the efficiency of all reel stations and equipment, the fire tug *St. Peter* being in commission night and day.

Through the equipment of the Canadian Pacific railway tug *Cruiser* with fire and salvage pumps, and the addition to the Sincennes-McNaughton fleet of fire-fighting apparatus, the port now has better fire protection than ever before.

WIDENED PORTION OF COMMON AND COMMISSIONERS STREETS.

During the year judgment was rendered declaring that the widened portions of Common and Commissioners streets from McGill streets to Berri street was harbour property, and 200,000 square feet are available for further development and expansion which will soon be needed.

An agreement is being come to giving the use of this portion of the street to the city on an annual lease till required by the harbour commissioners, subject to six months' notice to cancel by either party.

HIGH LEVEL RAILWAY.

From the Victoria pier to the Racine pier, a distance of 4⅓ miles, there now exists a high level railway giving a 12 months' service. All approaches to the wharfs east of the Victoria pier are now by subways, thus separating as far as possible the rail and the wheel traffic.

STRIKES.

In June a protracted strike movement was prevalent in British ports, the effect of which was felt to a considerable extent by St. Lawrence shipping, sailings being altered and business congested and passengers much inconvenienced.

In November, just at the close of the season, a strike broke out among longshoremen in the port, but was settled by friendly negotiation in two days.

WINTER USE OF STEEL SHEDS.

The commissioners have always hoped that the railways would be able to make the harbour front in the centre of the city with its fine wharf and warehousing sheds the assembling point for the distribution of winter freight. These sheds are now accessible to all railways throughout the winter continually by means of the completed high level tracks, which will afford the merchants a very much more central freight depot during the winter months than heretofore.

A start was made by the Canadian Pacific and Grand Trunk Railway Companies, who used sheds Nos. 7, 8, 9 and 11.

BOUNDARIES OF HARBOUR.

In the spring of 1909, Messrs. Joseph Rielle and J. P. B. Casgrain were instructed to survey, define and map the boundaries of the harbour of Montreal as constituted by Act of Parliament.

This very important work extending over two years has been completed in a very satisfactory and creditable manner, so that the port authority now has in its possession a complete set of accurate plans, covering sixteen miles of river front on either side of the river, in accordance with the amended Act extending the harbour limits.

GENERAL.

In creating the high level railways the problem of supplying adequate storage space for cars is one which makes the designing of an industrial harbour difficult and complex. Nevertheless, several sites will be available for the erection of large storage warehouses accessible to all railways, teams and vehicles, and fitted out in the most modern way, for the conservation of perishable products, and the assembling in Montreal of reserve cargoes for the ships.

The commissioners have again to acknowledge their appreciation of the loyal, effective work done by the different departments and their staffs that during the busiest year in the port's history have loyally worked together in an effort to achieve for Canada the prestige of possessing one of the best equipped sea-ports in the world.

To all the public bodies whose advice has been frequently sought and cheerfully given, the commissioners desire to express their grateful thanks.

Respectfully submitted.

GEORGE W. STEPHENS, President,

L. E. GEOFFRION,

C. C. BALLANTYNE,

Commissioners.

SESSIONAL PAPER No. 21

REPORT OF SECRETARY-TREASURER OF THE HARBOUR COMMISSIONERS OF MONTREAL, FOR THE YEAR ENDING DECEMBER 31, 1911.

April 17, 1912.

ALEX. JOHNSTON, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour, by direction of the Commissioners, to forward herewith, for the information of the Honourable the Minister of Marine and Fisheries, summarized statement of the operations of the corporation for the year ended December 31, 1911.

The receipts on revenue Accounts as compared with 1910 were as follows:—

	1911.	1910.
Wharfages on imports	$256,373 33	$258,996 20
Wharfages on exports	103,549 29	94,077 34
Wharfages, local traffic	105,146 11	86,798 76
Switching cars	147,291 74	124,801 79
Grain elevator No. 1	112,573 18	94,428 55
Rental of harbour sheds	100,499 97	100,599 97
Elevating grain, floaters	45,111 25	41,287 95
Rentals of harbour tracks and properties	33,949 42	34,057 29
Floating crane	7,128 60	3,067 32
City of Montreal, interest—Laport bridge	632 34	.....
	$912,255 23	$836,115 17

The disbursements charged to revenue account were $884,070.29, $503,979.58 being for interest, $57,360.47 on account of property purchased for new harbour yard and buildings, the balance being for administration, operation and maintenance.

The amount disbursed on capital account was $2,334,119.03, the principal items being as follows:—

Grain elevator No. 2 and jetty	$ 968,152 46
New Victoria pier and market basin	326,057 66
Improvements, eastern section	259,069 35
High-level railway	187,640 22
Permanent sheds, Tarte pier	92,389 56
Permanent shed, Victoria pier	69,206 39
Sundry items	436,603 39
	$2,334,119 03

Loans on capital account under the Act 9-10 Edward VII., Chap. 40, aggregating $2,315,000, were received from the Dominion Government.

The Debenture Debt of the corporation on December 31, 1911, was $16,607,000, of which $1,872,000 is to the public, and $14,735,000 to the Dominion government, upon which the average rate of interest is 3·31 per cent.

I have the honour to be, sir,

Your obedient servant,

DAVID SEATH,
Secretary.

HARBOUR COMMISSIONERS OF MONTREAL.

Summarized Statement of Operations for the Year 1911.

Revenue and Balance.	Revenue.	Capital.
	$ cts.	$ cts.
Receipts, 1911.		
Collector of Customs—		
Wharfage dues on imports..... $256,373 33		
Wharfage dues on exports..... 103,549 29		
	359,922 62	
Switching cars.....	147,291 74	
Wharfages, local traffic.....	105,146 11	
Grain elevator No. 1, elevating charges, &c.....	112,573 18	
Rental of harbour sheds.....	100,499 97	
Elevating grain, floaters.....	45,111 25	
Rental of harbour tracks and properties.....	33,949 42	
Floating crane.....	7,128 60	
City of Montreal, interest—Laporte bridge.....	632 34	
	912,255 23	
Dominion Government—		
Under Act 9-10, Edward VII, Chap. 40.....	.....	2,315,000 00
Receipts on revenue account.....	.....	912,255 23
		3,227,255 23
Sundry Receipts—		
Security deposits from sundry contractors..... $ 35,111 60		
Plant sold..... 1,300 00		
		36,411 60
		3,263,666 83
Balance from 1910.....	.....	393,263 61

Disbursements and Balance.	Revenue.	Capital.
	$ cts.	$ cts.
Advertising account.....	253 30	
Refund of wharfages outward.....	266 35	
Buoys and beacons.....	576 67	
Annuity.....	600 00	
Fire protection.....	1,500 00	
Refund of wharfages inwards.....	1,656 54	
Harbour survey.....	2,024 60	
Harbour lighting.....	9,385 45	
Miscellaneous expenses, printing, stationery, travelling, legal and notarial, &c.....	11,046 09	
New harbour yard.....	13,141 05	
Salaries, commissioners and staff.....	48,597 34	
New harbour yard building.....	44,219 42	
Harbour repairs, harbour tracks, &c.....	181,785 41	
Interest.....	352,768 70	
Harbour Sheds—		
Interest on cost..... $100,200 48		
Insurance, maintenance, &c..... 11,674 54		
	111,875 02	
Grain Elevator No. 1—		
Interest on building and conveyors 47,095 21		
Wages, power, &c..... 49,022 84		
	96,118 05	
Floating Crane—		
Interest on cost..... 3,915 19		
Wages, &c..... 4,341 11		
	8,256 30	
Elevator No. 1, new marine tower.....	.....	99 27
Harbour sheds equipment.....	.....	925 76
New wharf section 37.....	.....	1,252 96
Windmill Point piling.....	.....	1,922 91
Windmill Point culverts.....	.....	2,553 65
Reconstructing raceway.....	.....	5,377 54
Harb. of Montreal, defining boundaries.....	.....	7,070 00
Plans for harbour improvements and extensions...	.....	10,771 76
Racine pier, pile wharf.....	.....	14,677 80
Harbour railway siding, &c.....	.....	16,248 82

			Electric hoist No. 2, King Edward pier		22,177 44
			St. Helen's Island ferry wharf		23,118 51
			Wharf office building		32,128 66
			New dredge No. 6		52,152 94
			Permanent shed, high level, Victoria pier		69,206 39
			Permanent sheds, Tarte pier		92,387 56
			Grain elevator No. 2, Jetty & Quay wall		116,535 36
			Inspection tug, *Sir Hugh Allan*		120,998 26
			Dredging and filling		125,129 11
			High level railway		187,640 22
			Improvements, eastern section		259,069 35
			New Victoria pier and market basin		326,057 66
			Grain elevator No. 2, building and equipment		846,617 10
			Disbursements on capital account		2,334,119 03
			Disbursements on revenue account		884,070 29
			Total disbursements		3,218,189 32
			Security deposits refunded		7,037 85
			City of Montreal, dep. *re* Elgin basin sewer		75,000 00
					3,300,227 17
			Less, payable at 31st December, 1911—		
			Interest accrued and coupons outstanding	$258,480 55	
			Outstanding accounts	186,736 16	
				445,216 71	
			Less, outstanding 31st December, 1910	402,043 28	
					43,173 43
					257,053 74*W*
			Balance at 31st December, 1911—		
			Cash on hand	$ 1,529 10	
			Bank of Montreal—		
			Coupon acct.	200 00	
			Current acct.	68,180 92	
				69,910 02	
			Discount on debentures H. & J.	10,016 23	
			Sundry accounts receivable	216,875 30	
			Value of materials in stock	103,075 15	
					399,876 70
		3,656,930 44			3,656,930 44

REPORT OF THE SUPERINTENDENT OF RAILWAY TERMINALS FOR THE YEAR 1911.

DAVID SEATH, Esq.,
Secretary.

DEAR SIR,—I beg to submit for the information of the commissioners a report of the operations of the Traffic Department during the year 1911.

WINTER OPERATIONS.

The quick-acting gate installed in the flood wall at the McGill street opening gave a continuous service to and from the wharf during the winter. This gate can be opened or closed in less than three minutes and during the high water period it was found of great advantage. The winter's business consisted of the steamship freight from West St. John for the Canadian Pacific railway, local freight for loading and unloading on the wharf and transfer business from both the Grand Trunk and Canadian Northern Quebec Railway companies.

As compared with last year this business shows an increase of over 45 per cent.

CAR HANDLING.

On April 29 we received the first cars of export freight of the season. The car receipts during the year were the greatest in the history of the department, giving an increase of 16 per cent over last year.

The traffic was exceptionally heavy the whole year round, no midsummer slackness being noticed, and every month of the season of navigation showed an increase over the previous year. The increase in shed car handling is not so noticeable, presumably, owing to the shifting to the east end of the harbour of two of the steamship lines operating from the sheds at the west end last year.

The interchange of cars between the railway terminals at the east and west ends of the city, via the harbour tracks, is constantly making gains; this year's business more than doubled that of 1910.

CARE OF PLANT.

The commissioners' five locomotives were sent to the Montreal Locomotive Works at Longue Pointe for general overhauling during the closed season and worked throughout the season of navigation, the minor repairs being effected as required by the commissioners' staff under rather trying conditions, being constantly exposed to the vagaries of the weather, which made work of this kind exceedingly difficult at times. The completion of the locomotive house will be of great help to this branch of the work.

IMPROVEMENTS AFFECTING THE TRAFFIC DEPARTMENT.

The harbour improvements affecting the operation of the railway traffic which were begun last year were proceeded with during this season. During the winter months steel bridges were erected at all ramps on the wharf from sections 19 to 47, replacing the temporary wooden structures.

The double track on the railway embankment was extended from section 47 to 55 (Molson's Creek) and the high level embankment, which last year had been built as far as section 55, was continued to Racine Pier, section 62, upon which a single track was laid down but was not put into service this year owing to the lateness of the season when it was completed.

This extension will enable us to give a railway service to the industries located near the river front at the east end of the city and, without a doubt the business that will be derived therefrom will, within a short time, considerably increase the revenue of this department. This also supplies a connection with the dry-dock site for the

railway traffic. The Canadian Northern Quebec railway erected an overhead bridge, crossing Notre-Dame street at section 55, and the harbour tracks were elevated to connect with their tracks, thereby doing away with the level crossing.

A spur siding was put in at section 48 connecting the high level tracks with the low level wharf and was found very useful for the winter's business.

GENERAL REMARKS.

The railway business has attained such proportions as would warrant serious consideration being given to its interest, and from present indications we may look forward to a larger increase in the volume of business during the coming season of navigation than at any other time since the organization of this department. It would therefore be a matter of expediency to consider, in the future schemes of harbour improvements, the immediate relief of traffic congestion. To this end it would be necessary to object firmly to any proposition that will tend to eliminate existing facilities or prevent future development of accommodation for the operating of railway business.

We look with pride to our record in handling the traffic in the past, and to keep up the standard of efficiency we must be given track facilities compatible with the augmented car handling.

Yours very truly,

J. VAUGHAN,
Superintendent of Railway Terminals.

REPORT OF THE HARBOUR MASTER OF THE PORT OF MONTREAL FOR THE YEAR 1911

OFFICE OF THE HARBOUR MASTER,
MONTREAL, January 31, 1912.

DAVID SEATH, Esq.,
Secretary Harbour Commissioners
of Montreal.

SIR,—I beg to submit, for the information of the harbour commissioners of Montreal, the following as my annual report for the year 1911.

Appended hereto will be found five comparative statements for the past ten years:—

1. Table showing the number and tonnage of all vessels that arrived in port.
2. Table classification of transatlantic vessels that arrived in port.
3. Table classification of vessels from the lower St. Lawrence and Maritime Provinces that arrived in port.
4. Table showing the number and tonnage of sea-going vessels belonging to the different nationalities that arrived in port.
5. Table showing the opening and closing of navigation, the first arrival and last departure of vessels, and the greatest number in port at one time.

It will be seen that 401 transatlantic vessels arrived in port during the past season, with a tonnage of 1,695,613 tons, an increase of 40,199 tons, from the previous year.

The arrivals from the Lower St. Lawrence and Maritime Provinces were 361 vessels, with a tonnage of 642,639 tons, an increase of 35 vessels and 67,831 tons from the previous year.

Of inland vessels there arrived during the season 11,670 vessels, with a tonnage of 4,275,019 tons.

The combined Transatlantic, Lower St. Lawrnce and inland tonnage, therefore, for the season, amounts to 12,432 vessels, with a tonnage of 6,613,271 tons, an increase of 52,250 tons, from the past season of 1910.

A great many vessels took advantage of the still water basin, sections 12 to 19, to lie over during the winter of 1911-12. In addition to the commissioners fleet, 58 vessels were so wintered. No charge was made for this privilege.

The whole respectfully submitted,

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

STATEMENT showing the Classification of Transatlantic Vessels that arrived in port during the past Ten Years.

Year.	Steamships No.	Tonnage.	Barques No.	Tonnage.	Ships & Brigs No.	Tonnage.	Schooners No.	Tonnage.	Grand Total Vessels.	Tonnage.
1902.....	418	1,063,220	9	4,427	.....	.....	9	2,891	436	1,072,558
1903.....	476	1,414,595	2	1,388	1	1,543	5	1,030	484	1,418,156
1904.....	408	1,267,088	3	1,144	1	318	5	2,090	417	1,270,640
1905.....	422	1,357,517	3	2,324	.....	.....	17	14,988	442	1,134,829
1906.....	420	1,372,879	3	1,872	.....	.....	16	6,084	439	1,380,833
1907.....	381	1,339,014	.....	.....	.....	.....	.....	.....	381	1,339,914
1908.....	364	1,315,688	.....	.....	.....	.....	.....	.....	364	1,315,688
1909.....	371	1,436,963	.....	.....	.....	.....	.....	.....	371	1,436,963
1910.....	410	1,656,794	.....	.....	1	1,620	.....	.....	411	1,638,414
1911.....	401	1,695,613	.....	.....	.....	.....	.....	.....	401	1,695,613

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMBINED STATEMENT showing the number and tonnage of all Vessels that arrived in Port during the past Ten Years.

Year.	TRANS-ATLANTIC.		MARITIME PROVINCES.		INLAND.		GRAND TOTAL.	
	Vessels.	Tonnage.	Vessels.	Tonnage.	Vessels	Tonnage.	Vessels	Tonnage.
1902	436	1,072,538	322	468,734	9,395	1,883,150	10,153	3,426,522
1903	484	1,418,156	318	472,748	15,358	2,415,791	16,140	4,306,695
1904	417	1,270,640	379	586,057	10,063	2,354,975	10,859	4,211,672
1905	442	1,354,829	391	585,227	11,112	2,788,551	11,945	4,725,607
1906	439	1,380,835	381	592,388	12,557	3,095,174	13,377	5,068,395
1907	381	1,339,014	361	586,972	14,420	3,620,950	15,161	5,546,936
1908	364	1,315,688	375	642,916	12,434	3,589,124	13,173	5,548,028
1909	371	1,436,963	299	474,450	10,991	3,146,494	11,661	5,057,907
1910	411	1,658,414	336	574,808	13,636	4,327,799	14,383	6,561,021
1911	401	1,695,613	361	642,639	11,670	4,275,019	12,432	6,613,271

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

STATEMENT showing the Classification of Vessels that arrived in Port, for the last Ten Years, from the Lower St. Lawrence and Maritime Provinces.

Year.	Steamships.		Schooners.		Grand Total.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
1902	311	466,671	11	1,063	322	468,734
1903	303	468,100	15	4,648	318	472,748
1904	366	582,819	13	3,238	379	586,057
1905	364	580,485	26	4,116	391	585,127
1906	367	588,980	14	3,408	381	592,388
1907	343	579,930	18	7,042	361	586,972
1908	350	640,244	25	2,672	375	642,916
1909	273	470,936	26	3,514	299	474,450
1910	306	572,022	30	2,786	336	574,808
1911	330	639,752	31	2,887	361	642,639

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

STATEMENT showing the nationalities and tonnage of sea-going vessels that arrived in port, during the season of 1911, that were navigated by 61,133 seamen.

NATIONALITY.	Number of Vessels.	Tonnage.
British	572	1,879,070
Norwegian	165	387,750
German	17	52,879
Dutch	3	5,506
Belgian	2	11,577
American	2	1,204
French	1	266
Totals	762	2,338,252

Of the above 731 were of iron or steel with a tonnage of 2,335,365 tons, and 31 were built of wood, with a tonnage of 2,887 tons.

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

STATEMENT showing the dates of the opening and closing of navigation, the first arrival and the last departure for sea, also the greatest number of vessels in port at one time, during the past ten years.

Years.	Opening of Navigation.	Closing of Navigation.	First Arrival from Sea.	Last Departure for Sea.	Greatest Number of Vessels in Port at one time.			
					Sea-going.		Inland.	
					No.	Date.	No.	Date.
1902.....	April 3	Dec. 4	April 17	Dec. 4	29	Oct. 9	109	July 23
1903.....	" 2	" 10	" 26	Nov. 28	33	June 8	223	June 26
1904.....	" 25	" 9	May 4	" 27	23	Sept. 10	180	July 13
1905.....	" 19	" 12	" 2	" 30	27	Oct. 4	175	June 19
1906.....	" 20	" 2	April 28	Dec. 2	26	May 28	124	July 8
1907.....	" 23	" 15	May 2	Nov. 29	29	" 24	103	" 8
1908.....	" 22	" 10	April 30	" 26	24	June 21	104	June 30
1909.....	" 16	" 27	" 23	" 28	22	Nov. 9	107	Aug. 31
1910.....	" 1	" 7	" 11	Dec. 1	25	May 18	122	Sept. 18
1911.....	" 23	" 29	" 26	" 3	24	Aug. 18	85	June 5

JAMES McSHANE,
Harbour Master.

SESSIONAL PAPER No. 21

REPORT ON THE WORKS FOR THE IMPROVEMENT AND MAINTENANCE OF THE HARBOUR OF MONTREAL FOR THE YEAR 1911.

F. W. Cowie, M. Inst. C. E., Chief Engineer.

Montreal, February 1, 1912.

David Seath, Esq.,
Secretary, Harbour Commissioners of Montreal.

Dear Sir,—I have the honour, by direction, to present the following annual report on the operations for the improvement and maintenance of Montreal harbour during the year ended December 31, 1911.

The assemblage at Philadelphia, Pa., in May, 1912, of the 12th International Congress of Navigation will mark a distinctive point in the advance of navigation interests in North America.

The attention of those most celebrated and skilful, throughout the world, engaged on the great questions of navigation and commerce, will be focussed at that international gathering on all important interests affecting the progress of inland and maritime navigation in North America.

The port of Montreal and the ship channel to the sea may furnish to that congress a unique picture of the effect of improving navigation and its resultant bearing on one of the most important routes of maritime commerce in the New World.

It would appear fitting, therefore, that to the members of the International Congress of Navigation a special report of the Montreal Harbour Commissioners should be presented, giving an outline of the history of the development of the port and its progress up to the present time.

Illustrations are also given showing Montreal Harbour in its undeveloped stage in 1830 and again in its present condition in 1912 showing the extensions in progress.

THE DEVELOPMENT OF THE PORT OF MONTREAL.

THE PAST.

The Harbour in 1824.—The results of determination, skill and public spirit, in connection with the development of Montreal harbour, may be given in a summing up of the physical conditions and steady growth, from 1830 up to the present time.

It will be eighteen years yet before the harbour may celebrate its centennial. In 1930 it may be expected that a memorial may be proposed to commemorate the development of 100 years, and it would appear fitting that it should be placed on the height of St. Helen's Island, 130 feet above the river, where overlooking the full extent of the port, it would, from the city, crown a vista of that beautiful city park.

It would be hard to imagine a more hopeless outlook than existed in the Harbour of Montreal, as indicated on Bouchette's plan of 1824.

The first Lachine canal was only completed in 1825, having a depth over the sills of 4½ feet, and is not shown on that plan.

Two stone windmills marked the progress of industrial development to the westward of what is now McGill street. They were situated on the top of the open beach. The Grand Trunk Railway Company's elevator now stands on the site of the water front of 1824.

A small wharf 200 feet long existed, providing a depth of water of 9 feet, in the position of the flood wall opposite the present harbour commissioners' office. Another irregular wharf known as Berthelette's wharf existed between the harbour commissioners' office and the Custom House.

From the Little River, now the Custom House, downward, the beach was unimproved except by the construction of sloping roadways down to the water.

The soundings shown on the early plan of Bouchette show interesting features in connection with the flow of the St. Lawrence. Shallow water, even points of exposed rocks, are indicated two-thirds of the distance across to St. Helen's Island. A much larger proportion of the flow of the river must have passed down the channel to the south of St. Helen's Island, in the early days before the Moffatt's Island wharf was built.

The size and type of the vessels trading to Montreal may be imagined from the fact that Lake St. Peter limited the draft to 11 feet, and even that depth was not available at any of the wharves in the harbour. The shipping trade of a whole season, 80 years ago, could have been carried in one or two of the modern ships which now frequent the port.

At that time inland navigation commenced at Lachine. Goods for Upper Canada were carted to Lachine and from there taken up the Haldimand canals in bateaux about 35 feet long and 5½ feet beam, built of the type of a modern raft boat with pointed bow and stern.

The improvement of the harbour was, in 1824, one of the important questions in Canada, as it is to-day.

The First Improvements.—On May 8, 1830, George Moffat, Jules Quesnel and Captain Robert S. Piper, R.E., were appointed commissioners under the Great Seal of the province of Lower Canada and signed by His Excellency the Governor at the Castle of St. Louis, for the purpose of carrying into effect an Act of the Provincial Legislature, 10 and 11 Geo. IV., Cap. 28: 'An Act to provide for the improvement and enlargement of the harbour of Montreal.'

The first works undertaken were for the construction of wharves, ramps, slips for Durham boats, a revetment wall and a bridge to Oyster Island, which was to be the principal wharf.

In their first annual report the commissioners stated that they confidently anticipated that the wharves undertaken, when completed, would be superior to any works of the kind in the province, and would enable the city of Montreal to be advantageously contrasted with any other in North America for beauty, solidity and convenience of approach by water.

The appropriation for the first three years amounted to 81,000 pounds sterling.

The annual report for 1833 was very brief. There was no appropriation for further improvements, the revenue was disappointing, and the dues were evaded. The staff was discharged, 'commencing with the engineer,' the secretary alone being retained, but at a reduced salary of 50 pounds per annum.

This was the first attempt made to improve the harbour of Montreal by a commission. The commissioners had the same faith in the future of the harbour and the courage of undertaking works which has characterized the administration from 1830 to the present time. The present harbour of Montreal rather justifies the modest boast of the commissioners of 80 years ago.

Schemes for harbour improvement.—The first plan of improvement was prepared by Robert S. Piper, R.E., in 1829. It was improved by Peter Fleming, C.E., in 1830, and carried out by the first commissioners.

Since 1830 some of the best engineers in Canada, the United States and Great Britain have from time to time been called upon to investigate and submit plans for improvements.

Messrs. Gzowsky, Keefer, Forsythe, Trautwine, Legge, Nish and Sippell all submitted schemes up to 1873. In 1875 Mr. Robert Bruce Bell, Major General Newton and Mr. Sandford Fleming were called upon to draw up a report and plan for the improvement of the harbour. The advice of the prominent business men of Montreal as to the needs and characteristics of the required improvements was taken, and it is interesting to note such evidence as that given by Mr. D. A. P. Watt, representing the shipping and grain trade, in the engineers' report of 1877:—

'Montreal' is the forwarding factor of producers and consumers of the continent.'

'The accommodation provided has always been poor and deficient, and in cases of a press of business the break down has been most lamentable.'

'Any scheme would be inadequate which did not provide the means of regular and continuous increase.'

'The water should be free from currents, and should, as far as possible, be of uniform height.'

'I deem it to be the duty of the harbour commission to go on, to keep not merely abreast of, but steadily in advance of all possible requirements, and to anticipate an increase of revenue by providing a liberal increase of accommodation.'

'If we could get space to discharge twice the number of vessels it would be ample accommodation for ten years to come.'

In 1880, James Shearer's scheme, designed by Bateman, was submitted, but turned down after a vigorous argument.

Mr. John Kennedy, for so many years chief engineer of the harbour commissioners, has not only designed but carried out many of the improvements now existing.

In addition to the above-mentioned and many other schemes proposed for the improvement of the port, the Montreal Flood Commission made extensive investigations and a valuable report on questions of great importance to the harbour.

The recommendations of this commission, consisting of Messrs. Perley, Kennedy, St. George and Keefer, included many propositions which have since been carried out to advantage.

St. Lawrence canals.—The Haldimand canals were the beginning of the St. Lawrence canal system. They were built by the Royal Engineers between 1779 and 1783, particularly for the transportation of military stores. These connnected Lake St. Louis with Lake St. Francis and provided for 3-foot navigation. The depth was increased to 4 feet in 1804, by the enlargement of the locks.

The Lachine canal, projected as early as 1701, was finally undertaken by the Government of Lower Canada in 1821, and the first canal completed in 1825. It was at this time that the necessity of improving the harbour of Montreal first became pressing.

Between 1841 and 1848 all the canals were completed, providing for a 9-foot waterway from Montreal to the head of the Great Lakes. Sixty years ago, therefore, a vessel drawing 9 feet, almost the full depth available from Montreal to Quebec, could carry a cargo of 500 tons from the lakes to Montreal. Since that time the railways, the canals, the River St. Lawrence ship channel and the harbour of Montreal have had a race to keep pace with the growing commerce.

THE PRESENT.

Harbour authority.—The harbour authority is the harbour commissioners of Montreal.

Major George W. Stephens, president; L. E. Geoffrion, Esq., and C. C. Ballantyne, Esq., commissioners.

The commissioners hold in trust all harbour lands and areas from the Government of Canada and develop and administer according to authority received from His Excellency the Governor General of Canada in Council.

The jurisdiction of the harbour commissioners extends over the whole of the River St. Lawrence, with the exception of the ship channel, from Bout de l'Isle to above Victoria bridge, a distance of 17 miles. This area comprises all the land under water and the beaches up to high water mark, including the whole of Ile Ronde. Thus the whole of the water front on both sides of the river is under the jurisdiction of the commissioners, who hold it in trust and administer it for the Government of Canada.

The total water area is 12,000 acres.

The total land area, improved, is 200 acres.

The present harbour represents a development of 80 years.

The Type of Port.—The port type is a combination of a protected tidal basin, riverside quays and pier jetties. There is no rise and fall of tide, but the river level fluctuates to an extent of about 12 feet from high water in the spring to low water in the autumn. During the winter, due to ice shoves, the water occasionally rises to an extreme of 28 feet above the low water level.

An artificial embankment, parallel to the shore, about one and one-third miles long, protects the whole of the upper part of the harbour, including the entrance to the Lachine canal, from not only the currents of the river but from ice shoves. This constitutes the protected tidal basin in which the water rises and falls with the river level.

It has not been necessary to purchase any land above the high water mark on the beach, as all piers and wharves have been made artificially by building out into the shallow water and the berths formed by dredging.

From the entrance to the protected basin for about two and one-half miles downstream, to Hochelaga, the river channel is too much contracted to permit of the construction of piers or jetties, and this part of the harbour is developed as riverside quays, sufficient width for harbour purposes being obtained by building the quay-walls in deep water and filling in the area behind to give a width of from 100 to 250 feet.

Below Hochelaga, where the river section is larger, piers have been built out into the river, inclined so as to give an easy angle of approach from the ship channel.

Features of success.—The success of the port is due primarily to its early development, before any of the water front had been alienated from the Crown, and to its geographical, physical and trade situation. No rights or franchises stand in the way of further extensions, and the sentiment of the country is in favour of a continuance of the policy of retaining the whole harbour area in the public interests.

The facility of approach both by ocean vessels, inland vessels and railways to a convenient point of transfer makes Montreal almost unique, there being nothing in the way of close connection for the traffic from all points, and almost in the heart of a large and growing city.

Approach channel.—Almost every port has the problem of obtaining the necessary depth of approach and economically maintaining it. Montreal has the magnificent St. Lawrence with water free from sediment, where the channel can be made at almost any required depth with a reasonable expenditure and without the usual expense for maintaining it.

Ship Channel.—The construction and maintenance of the River St. Lawrence ship channel, which is a remarkable engineering feat, is now under the care of the Department of Marine and Fisheries of Canada. It was, however, from 1850 to 1888, the project and work of the harbour commissioners of Montreal.

There is at present a navigable channel from the sea to Montreal of 30 feet at extreme low water, although advantage has to be taken of the tide at Cap a la Roche, St. Augustin and the St. Thomas Flats below Quebec. The splendidly organized government dredging plant is, however, rapidly completing the work, so that the 30 feet draft will be available at all stages of the tide.

The Hon. L. P. Brodeur, Minister of Marine and Fisheries, announced to the Shipping Federation of Canada during the inspection trip of October, 1909, that the department had commenced the project of deepening the channel to 35 feet.

During the last few years the range lights, buoys and other aids to navigation of the St. Lawrence, as placed by the Department of Marine and Fisheries of Canada, have earned for the route the title of being the best lighted and safest river channel in the world.

Geographical situation.—Montreal harbour is also the terminus of the St. Lawrence Canal system. This canal system affords navigation between Montreal and

Lake Erie, a distance of 300 miles, for vessels of 14 feet draft and a carrying capacity of 2,500 tons. From Lake Erie to the head of Lake Superior vessels are able to navigate with a draft of 20 feet and a carrying capacity of 10,000 tons. The inland navigation centering in Montreal therefore commences either by the all-lake route of 1,600 miles and vessels of 14 feet draft, or by the lake-and-rail routes, using the 10,000-ton boats to Georgian Bay ports or Port Colborne, and connecting with Montreal either by short-haul rail route or the St. Lawrence canals.

Montreal is the natural seaport for seven months in the year of the Canadian provinces of Ontario, Manitoba, Saskatchewan and Alberta, and also of a large portion of the northwestern states extending from Chicago to St. Louis and Denver.

Physical features.—The season of navigation opens each year during the last week of April and closes during the last week of November. With the improved aids to navigation, and assured by the ice breakers of the Canadian government, navigation may be stated to commence on April 24 and close on December 1.

In 1907, after most of the buoys in the river had been removed, SS. *Dunelm,* of over 2,000 tons, navigated up the St. Lawrence to Montreal, arriving in port on December 13. The courses for navigation were only marked by the splendid system of permanent range lighthouses and were quite sufficient for this vessel, navigating only during the day.

The clear, fine weather at Montreal and vicinity during the season is very favourable for navigation. Fogs are unusual and ships are enabled to pass between Montreal and Quebec without much delay. Smoke is occasionally experienced, but rarely causes delay.

In midwinter and early spring snow storms are very severe, but followed by clear, fine weather.

The prevailing winds are westerly, and as a rule blow almost straight down the river. Easterly winds with high barometer are usually of short duration, and more severe and frequently accompanied by rain.

The currents of the St. Lawrence between Quebec and Montreal vary from an extreme of 6 knots to a minimum of 1 knot, on Lake St. Peter. They are uniform, and in the design of the channel great care has been exercised not to produce cross currents, and for 100 miles below Montreal the stream is always downwards, even though there may be a slight tide.

The water level of the St. Lawrence, during the season of navigation, is highest in April and May, and gradually falls to its lowest level in October and November.

The following table gives a comparison of the monthly averages of the depth of water on the old No. 1 Lachine canal lock sill, with the corresponding depth in the harbour and ship channel.

Month.	Average 1899 to 1908.	Average 1909.	Depth in Harbour Channel.
May	21 ft. 6 in.	23 ft. 5½ in.	38 ft. 10½ in.
June	19 " 1 "	20 " 11 "	36 " 4 "
July	17 " 6 "	17 " 6 "	32 " 11 "
August	16 " 4 "	16 " 10 "	32 " 3 "
September	15 " 6½ "	15 " 11 "	31 " 4 "
October	15 " 6½ "	15 " 5 "	30 " 10 "
November	15 " 5 "	14 " 9½ "	30 " 2½ "

The spring floods, due to the ice conditions, are occasionally extreme, and in former times damage was done in the city and harbour by these floods with their accompanying ice shoves. Since the construction of the guard pier the high level wharfs and the flood wall, the city and harbour have been practically free from such damage.

TABLE OF ELEVATIONS.

Lower sill of old Lock No. 1, Lachine Canal	Zero.
Extreme low water level	13 ft. 0 in.
Ordinary summer level	17 " 0 "
Elevation, low level wharves	23 to 25 ft.
Highest water, 1909	37 ft. 7 in.
Ordinary spring flood level	36 " 6 "
Elevation, high level wharves	38 " 0 "
Floors of permanent freight sheds	42 " 0 "
Highest flood level	44 " 4 "
Elevation top of flood wall	46 " 0 "

Construction conditions.—Construction operations are limited to the open season and average about seven months in the year. The weather is usually very favourable for construction, and delays are not frequent.

Labour conditions are of the best. Men are always available of a good steady type, ready to do a good day's work. The rates of pay vary, averaging $2 per day of ten hours for labourers, $3 for carpenters, $3 for mechanics and $4 for foremen.

Materials are also available at the lowest market prices. Timber of all kinds naturally reaches Montreal at the lowest rates. Stone is available on the ground. Sand of good quality may be obtained from the Ottawa river or from the St. Lawrence at Three Rivers and Sorel.

Water is taken direct from the river.

Two of the largest and best cement factories in Canada are situated on the harbour front, and cement of the best quality may be had at the lowest market price.

Manufactured articles of almost any description may be obtained in Montreal.

Types of construction.—The types of construction in a newly developed country cannot be expected to be on the lines of the superb and massive docks in Great Britain and Europe. Cheapness and speed in construction have governed all harbour construction up to within the last few years.

The fresh water insures the duration of wooden structures under water, and timber being abundant in Canada almost all wharf construction consists of wood.

Timber cribwork is still the type of quay-wall construction and within the last few years concrete has been adopted instead of wood for the part above water.

Grain elevators of the most modern fireproof types are now the standard, and fireproof harbour sheds have lately been constructed on up-to-date designs.

All works, except the construction of buildings, are carried on departmentally, the harbour commissioners owning and operating a very efficient plant and organization for this work.

The allottment of wharf accommodation is approximately as follows:—

	Per cent.
1. Ocean and passenger business—	
(*a*) Regular lines	25
(*b*) Occasional	10
(*c*) Tramps	10
Total	45
2. River passenger and freight business—	
(*a*) Regular passenger and market service	10
(*b*) Barges and schooners	10
Total	20
3. Grain business	5
4. Lumber business	5
5. The sugar trade	5
6. Coal	10
7. Cement business	2½
8. Cattle trade	2½
9. General	5

Dry dock accommodation.—In the Lachine canal at Montreal there are two small private dry docks capable of taking in river vessels up to a draft of 11 feet. The large new floating dock being constructed for Canadian Vickers, Limited, is expected to be installed ready for work in midsummer.

PORT FACILITIES.

Grain elevators.—There are three modern grain elevators in the harbour of Montreal, and three of the older type.

The harbour commissioners own and operate two elevators in the centre of the port, capable of taking grain either from inland vessels or from railway cars and delivering by direct conveyors to any of the fourteen of the regular line berths at the new double story harbour sheds.

The storage capacity of these elevators is 3,750,000 bushels. The handling capacity 1,350,000 bushels per day.

In the allotment of the berths at these sheds it is provided that when a berth is not in use other ships may take grain from the conveyors by arrangement with the harbour master.

The Grand Trunk Railway Company's elevator is also a large modern structure capable of receiving marine grain and is especially well equipped for car business. Its storage capacity is 1,000,000 bushels, and its handling capacity 350,000 bushels per day.

Conveyors extend to two special grain berths to which either regular liners or tramps must go to obtain their grain cargoes.

The other elevators are available for storage or export business in a smaller way as required.

A number of floating elevators are owned and operated by harbour commissioners, for the purpose of elevating grain from the inland vessels into the ocean steamers. This was the method generally in vogue until the construction of modern elevators, but now that a larger amount of grain is carried by steamers, the delays incident to waiting for and loading vessels by floating elevators have caused a rapid decrease of the work of these floating elevators.

Cattle shipments.—Cattle are almost exclusively lightered to the ship side from local stock yards on the wharfs convenient to the railways.

Dock sheds.—The harbour commissioners have lately constructed 14 steel double story fireproof transit sheds. These are all allotted to the regular lines. For vessels not having berths at the permanent sheds temporary structures are erected, but require to be removed in the winter to prevent their being damaged from floor and ice.

Lighting on wharfs.—The whole of the wharfs, piers and sheds are lighted by electricity, which enables business to be carried on night and day.

Floating crane.—The commissioners have equipped the port with a modern 75-ton floating crane, which is capable of unloading from the largest steamships and delivering on the wharfs or on cars any heavy packages up to its capacity.

Fire tugs.—There are no fire tugs maintained exclusively for the purpose. The commissioners' tug *St. Peter* is equipped with powerful fire pumps, and is available, when not on other service, for fire fighting. Two of the Sincennes-McNaughton tugs are equipped with fire-fighting appliances, and one of them is usually in port.

Tug service.—Harbour towing is done entirely by the Sincennes-McNaughton line of tugs. These tugs are powerful and handy and the tariff for towing and moving vessels is very moderate, and the tugs are always available day or night.

Railway traffic.—The commissioners operate the railway freight service on the wharves, and cars are handled at all times to and from the principal railways to direct connection with the sheds and the ships.

Pilotage.—The Department of Marine and Fisheries of Canada is the pilotage authority. Ships coming to Montreal take pilots at Father Point for Quebec and

change pilots at Quebec for Montreal. The pilotage service is efficient, and during the last few years, especially, has reached a high standard. The tariff is established by regulation.

Anchorages.—Ships may safely come to anchor opposite Longueuil, immediately below Montreal, but as a rule vessels proceed direct to the wharfs, as all vessels may moor free of port dues, charges for wharfage being made only on freight landed or taken.

Vessels and tonnage.—The number and tonnage of vessels in the port is as follows, according to the last report:—

		Reg. Tonnage.
Transatlantic arrivals	411	1,659,000
" departures	411	1,659,000
Coasting, sea-going, arrivals	336	575,000
" " departures	336	575,000
Inland, arrivals	13,636	4,326,000
" departures	13,636	4,326,000
Total	28,766	13,120,000

Fresh water.—Excellent fresh water may be taken direct from the river at several points between Quebec and Montreal. Ships coming to Montreal take fresh water on their way up, and again on their way outwards at points indicated by the pilots, some distance below Montreal.

Provisions.—Provisions of all kinds may be obtained in Montreal at very reasonable prices.

Landing of passengers.—At Montreal the landing of passengers is very satisfactory. The regular liners dock at their own sheds and the Government Custom Service is most efficient. Passengers are landed with their baggage direct into the shed, whence with very little delay they may drive to their destination. The docks being in the centre of the city, the distances to hotels or to railway stations are short.

Ocean freighters.—Nothing could be better for the careful and speedy handling of ocean freights than the high level wharfs and modern sheds. Freights for the city are removed by carts, and goods for distant points are loaded direct to cars and start for their destination with great despatch. Freights for Toronto frequently reach their destination within 24 hours after the docking of the Atlantic steamships.

Stevedoring.—As a rule stevedoring is carried on directly under the agents of the regular lines. Some of the lines prefer to contract with regular stevedores for their whole business, and an excellent stevedore service may be obtained for any class of business coming to the port.

Types of ships.—The pace as regards high class vessels has progressed in an extraordinary manner during the last few years.

The Royal Mail turbines of the well-known Allan Line have been followed by even larger vessels flying the White Star Dominion flag, and by large fast vessels of the Canadian Northern Line. New and improved vessels are put on the service with great regularity, and there are few ports of the world which can boast of a better service than that of the St. Lawrence to Montreal.

Warehouses.—Montreal is the great warehousing centre of Canada. Goods and products of all descriptions are handled directly to and from the city warehouses.

Owing to the splendid railway service to all parts of Canada, the excellent transit sheds and the careful stevedoring in the port, the direct importation and exportation of goods to and from all points of the country is increasing more and more every season. In the harbour sheds packages of goods may be seen addressed to merchants in every large centre of Canada.

Dues.—The only dues which vessels coming to the port of Montreal have to pay are as follows:—

Pilotage.	Per foot of Draught. Upwards.	Downwards.
Father Point to Quebec	$3 87	$3 40
Quebec to Montreal	2 50	2 50
Total Father Point to Montreal	$6 37	$5 90

Port Warden's Fees—

	On outward cargo only.
General merchandise	1 cent to 2 cents per ton.
Grain, ores and minerals	Free.

Hospital dues—
On register tonnage (3 times per year).. 2 cents per ton reg.

There are no light dues and no port dues on vessels.
The charges in connection with the harbour business are as follows:—

1. Wharfage on all goods landed and shipped in the harbour—

	Per ton.
Grain	3 cents.
Coal, flour, meats, &c	6 "
Apples, hay, cattle, steel, rails, &c	12 "
Sugar, &c	16 "
General merchandise	20 "

2. Grain elevator charges—
   Elevating into elevator and weighing, per bushel.. .. .. 3/10 cents.
   Storage for 20 days and delivery to vessel, per bushel.. .. 3/10 "

3. Railway charges—
   Shunting cars from railway to any part of wharf, per car.. $2 50
   Transfer between railways.. .. .. 5 00

4. Shed rentals—
   Double story sheds, average per shed, per annum.. .. ..$7,200,00

Capital expenditure.—The harbour, as at present, including wharfs, dredging plant, grain elevator and dock sheds, represents an expenditure of about seventeen million dollars. On the bonds for this amount the harbour commissioners pay interest at an average rate of three and one-third per cent.

The improvement and facilities provided for this expenditure have been economically made, and the actual value is greatly in excess of the cost. The value of the improved land areas at current prices is, in addition, estimated to amount to about eleven million dollars.

THE FUTURE.

Future problems.—The harbour improvements upon which the harbour commissioners were engaged for the past few years are now completed. Every berth in the new constructions was taken up before completed, and already there are applications for accommodation which cannot be granted.

It is well known that it takes several years of work before harbour facilities can become available, and the problems of the future have had seriously to be faced.

Governing factors up to the present.—It is only necessary to compare the existing port accommodation at Montreal, and its cost, with that of other ports, to be convinced that the results so far accomplished have been most economically obtained.

A port which in seven months takes care of an ocean tonnage, inward and outward, of 4,000,000 tons, as well as a very large inland tonnage, all at a capital cost of not more than seventeen million dollars, would be remarkable in other countries.

Although the construction of some features, such as the elevator and new dock sheds, is of a substantial and permanent character, it could not be expected that the wharfs, embankments or the general character of the harbour would be on the finished, symmetrical and comprehensive scale of similar works in other countries. Up to the present, cheapness of construction, and accommodation for the present with completion in a hurry, have been the governing factors in design and construction.

Factors of future designs.—The harbour commissioners have now given orders that for the future all works shall be designed having regard to permanence, symmetry and with a view to the future on a very much enlarged scale. Inter-communication between all parts of the harbour, even though not required immediately, is to be kept in view and necessary space and connections provided for.

Plans for the future.—Before undertaking the design of a scheme of extensions, the commissioners have made a thorough study of the following features:—

1. Types of modern ports and features of their success.
2. The trade conditions of Canada.
3. The position of Montreal as regards future Canadian transportation.
4. What is being done or proposed in connection with the rail and water routes between eastern and western Canada.
5. The accommodation required to meet the estimated business of the future, and the special facilities for its different features.

A classification and study of the present harbour facilities show that, taking into consideration the different units of cost, the modern first-class accommodation pays its way, while outlying works not equally equipped are not so successful, even though completed at less cost.

The harbour commissioners have, therefore, given their engineers a task which, though not easy, is considered clearly capable of solution, the principles involved being as follows:—

1. All extensions to be first class as regard permanence, equipment, protection, safety and convenience of access.
2. To provide for the traffic already in sight, which means that double the present accommodation will be needed at the end of twelve years.
3. To provide wharfs and facilities, on the required scale for the very much larger ships which will come with the completion of the 35-foot channel from the sea, already commenced by the government.
4. To improve the valuable railway situation in the harbour, to make available connections from all points and to take advantage of the non-productive harbour areas, almost in the centre of the business section.
5. To take advantage of the complete ownership of the water-front and provide a terminal belt-line connecting all points, and so increase the value of manufacturing sites and generally increase harbour business and revenue.

The care which the harbour commissioners are taking in connection with the study of the necessities and in the preparation of the designs, may be briefly summed up in their instructions, requiring that the scheme of extensions shall be 'necessary, feasible and financially justifiable.'

The scheme, worked out on the lines as above, and as far as unanimously approved after careful consideration by a Consultative Board of Engineers, was adopted by the commissioners in 1910.

The scheme:—

1. 'Will double the capacity of the port.'
2. 'Will lessen St. Mary's current so that water porterage from one end of the harbour to the other may be possible, thus making the river frontage in the east end of the city as valuable as the centre now is, and reducing the long cartage charges over the whole area.'

3. 'Will give an all-year-round railway service from Point St. Charles to Bout de l'Ile, open on equal terms to every railway doing business in Montreal.'

4. Will create manufacturing and warehousing sites possessing:—

(*a*) 'Direct rail connection over all lines with every part of the continent.'

(*b*) 'Deep water wharfage available to all ocean lines coming to port.'

(*c*) 'Water access by way of the canal system to Western Canada and the United States.'

5. 'Will create low-priced power for the movement of harbour equipment, grain elevators, &c.'

6. 'Will reduce the handling charges on every ton of freight coming to the port.'

ANNUAL REPORT, 1911, ENGINEERING DEPARTMENT.

The Engineering Department of the Harbour Commissioners of Montreal is organized so as to have charge of the varied and important branches, as follows:—

Harbour extensions.....Part I.
Maintenance..... " II.
Operation..... " III.

The staff organization requires a responsible officer, always ready when required or in an emergency, to take charge of the many questions in connection with the general maintenance of the harbour, its channels, navigation and the varying physical conditions, also the wharfs, sheds, railways, roads, lighting, terminal and freight handling facilities, reports, information and records. The operation of grain elevators, floating elevators and cranes; the keeping of the wharfs in order and traffic going; the information, advice and consultation as to the best ways and means of carrying on St. Lawrence traffic are also matters of every day work. Besides this, as is sometimes overlooked, there is the actual planning and direction of the construction work which, in Montreal harbour, is done almost altogether departmentally and not by contract.

The physical conditions of the mighty St. Lawrence and the problems in connection with its care are responsibilities not easily passed over. Mr. Kennedy, for many years the chief engineer of the harbour and still its veteran honoured authority, once remarked that it was easy to coax the St. Lawrence but not so safe to try to force it. The harbour extensions must necessarily upset nature to some extent, and the difficulties to be encountered constructing works in the mighty river to withstand currents, ice, changes in temperature of some one hundred and fifty degrees, as well as floods are such as to require in the staff engineers having above all things fearlessness of responsibility.

The construction work is almost universally carried on departmentally. The steady growth of the harbour and the constant yearly effort to keep pace with the commerce, has resulted in the commissioners having a splendid plant for the peculiar constructions required. Dredging plant, tugs, derricks and a shop for repairs, are all kept up-to-date and the organization for construction is capable of dredging and placing in the works some two or three million cubic yards of excavated material, of building half a mile of cribwork and concrete quay walls of a height from the foundations to the cope of 60 feet, of building fifty thousand cubic yards of concrete, constructing railways, walls, sheds, culverts and, in fact almost every phase of port construction.

Weekly, monthly and annual reports are furnished to the commissioners, giving full explanation of all details and of costs, quantities and comparative figures.

The staff organized to design, supervise and carry on the works of such large magnitude and to account, record and take care of the details of expenditure is one the success of which is its best recommendation.

Mr. A. D. Swan, resident engineer, had charge, under the chief engineer, of the direction of the construction work on the ground, ably assisted by a corps of skilled assistant engineers.

Capt. George Yale, mechanical superintendent, with his assistant, Mr. Wm. Robitaille, had charge of the extensive dredging plant, shipyard and shops.

The commissioners' sawmill, under the supervision of Mr. W. R. Lunan, timber inspector, worked over hours all summer in efforts to supply the large demand for timber.

Mr. Ernest Salter, chief electrician, in connection with the harbour elevators, skillfully looked after and kept in order the large and increasing electrical equipment.

Mr. P. McMullin, general foreman, ably assisted by skilled foreman in every branch, carried on the work as vigorously and efficiently as any contractor's organization in the country.

Mr. J. P. Garnon, superintendent of wharf works, looked after the many details of maintenance and repairs.

The accounting for this undertaking, all carried out departmentally, was ably supervised by Mr. Geo. Smart, secretary and accountant for the engineering branch.

Throughout the whole of the construction work, Mr. Vaughan, superintendent of terminals, gave valuable assistance in connection with the important matters connected with railway construction and the handling of material, all of which had to be carried out without interfering with a heavy season's railway traffic.

The operation of the commissioners' elevator was superintended by Mr. Jere Nehin, and the floating elevators supervised by Jos. Huneault. The engineers, office staff, assistants, superintendents, foremen, timekeepers, together with the large number of skilled workers required, and the officers and men of the dredging fleet, all entered into the work with enthusiasm.

Every effort was made throughout the whole of the works of construction and operations, by order of the commissioners, to spare no expense or trouble for the safety and care of the public and to interrupt the traffic to the least possible extent.

Frequently jobs had to be delayed or put off, much to the disadvantage of progress in order to convenience traffic conditions. This would not have been possible under contract conditions, and was to the advantage of the public.

The shipping interests and the public generally, were very patient under construction conditions and this contributed very largely to the success of the season's work.

PART I.—HARBOUR EXTENSIONS.

Elevator No. 2.

Montreal harbour being the furthest inland ocean port on the northern continent and also the terminus of the inland Canadian canal and railway routes, is an important factor in the grain-carrying trade of the northern part of the continent.

A few years ago the bulk of the western grain came to Montreal in barges. These vessels, without machinery and with small crews, could afford to hold grain in storage until the ocean ship was ready for it, and the grain was then transferred from the barges to the ships for floating elevators.

With the enlargement of the canals, much of the grain now comes to Montreal in steamers capable of carrying about 2,500 tons on the present 14-foot draft of the Welland and St. Lawrence canals. These vessels cannot afford to wait, but must unload their cargo at once, otherwise they will not choose this port.

Grain coming from Georgian bay ports by rail must also be unloaded quickly, as even now, during the grain rush, there is a constant railway car shortage.

In the last few years, therefore, the storage and handling of grain has become a new problem in harbour economy. In order to solve it, the harbour commissioners in 1903 erected a modern storage elevator, having a capacity of 1,000,000 bushels. The

Grand Trunk railway leased a site from the harbour commissioners and also erected an elevator, in 1904, having a capacity of 1,000,000 bushels. Other elevators, having a capacity of 2,100,000 bushels, have been principally occupied with local business.

In 1910, the congestion at the harbour commissioners' elevator became so great that for weeks steamers were delayed for days at a time waiting for room in the elevator.

Additional storage capacity being urgently required, the construction of elevator No. 2 was commenced in 1910. The site chosen was on the bulkhead wharf, opposite Jacques Cartier Square, between Jacques Cartier and Victoria piers. Although planned in 1909 to have a capacity of 1,000,000 bushels, the designs were made in 1910, by order of the commissioners, for a capacity of 1,750,000 bushels, and the elevator was commenced. The grain congestion in 1911 being even more acute than in 1910, the commissioners decided, in July, 1911, to enlarge the storage capacity of the elevator under construction to the total of 2,600,000 bushels.

The unique feature with regard to the handling of grain in Montreal harbour is the placing of the elevators in such positions that by a system of conveyors the grain can be carried direct to the ships at their different berths and delivered without interfering with their ordinary loading and unloading.

This system proved so satisfactory when completed for Elevator No. 1 that Elevator No. 2 was designed to connect up its conveyor system so that either elevator would be able to deliver grain to all the different berths in the centre of the harbour.

The policy adopted in Canada for the storage and handling of grain has received special endorsement in the report of Sir Thomas Price, commissioner, Railways and Harbours, Union of South Africa, who visited the continent of Europe, United States and Canada and finally reported to the Minister of Railways and Harbours on April 14, 1911, on the storage and handling of grain.

Sir Thomas Price declared that his inquiries and observations constrained him to come to the same conclusion as Canadians with regard to the methods of handling and of transporting grain.

Description of Elevator No. 2.—The new Elevator No. 2 is being constructed of reinforced concrete throughout. It is a structure 456 feet long by 100 feet wide, the receiving elevator being 314 feet long and the extension 142 feet.

The storage capacity of the working elevator is 1,772,000 bushels and of the storage addition 848,000, making a total of 2,620,000 bushels.

The grain handling capacity of this elevator will be very large. Four railroad tracks extend through the entire length of the building and there are 12 receiving lofter legs set in double hoppers, each having an elevating capacity of 12,000 bushels per hour. There are 24 unloading places at which cars may be set. The track hoppers are of sufficient size so that when the leg is busy elevating grain received from a car on one side of it, unloading the car on the opposite side may be proceeding; the valve arrangement being designed so that grain may be fed to the leg from either hopper as desired. Twenty-four pairs of grain power shovels are installed so that if desired 24 cars can be unloaded simultaneously. The receiving capacity from cars will be 250 cars in ten hours and with an extra force of men this can be largely increased when desired by working at night.

On a special jetty built in the slip opposite the elevator, a double marine tower for unloading vessels is being erected. This is a steel structure with reinforced concrete floors and roofs. It is designed for unloading the inland vessels now reaching Montreal, or which may be expected to reach it when the Georgian bay canal is completed. Two marine legs each with a capacity of 20,000 bushels per hour are provided, one on each side of the tower, so that two vessels may be unloaded at the same time. Grain from these legs is weighed on automatic scales and conveyed by belt conveyors, running through a steel gallery, to the main elevator. At the elevator it is carried by lofter legs to the cupola and distributed to the bins.

The present extensive conveyor system for shipping to vessels from Elevator No. 1 is being connected with Elevator No. 2, and it will be continued to the new Victoria pier. Grain from either elevator will, therefore, be conveyed to any of 19 steamships at regular berths. The total length of conveyor galleries will be about 2¾ miles, using some 10½ miles of rubber belting.

Construction work.

The construction of the marine tower jetty, the new quay wall in front of the elevator, the excavation for the site and the railway tracks as Part I were undertaken directly by the harbour commissioners' Engineering Department.

The elevator designs and construction Part II were given to the John S. Metcalf Company, Ltd., as designing and constructing engineers for the commissioners.

Part I.

The jetty is being constructed of cribwork foundations and concrete superstructure.

Vigorous work was commenced and carried on throughout the season of 1911, and resulted in the completion of the cribs for the 400-foot marine tower jetty. Before the close of the season one-half of the concrete quay walls of the jetty had been finished.

The foundations were prepared for the marine tower, which is being constructed during the winter, and early in the spring it is the intention to complete the balance of the wall so that the conveyors may be connected up between the marine tower and the elevator.

The concrete superstructure of the shore wharf had also been completed for a length of 400 feet of the total of 600 feet. The whole of this quay wall could have been completed, as proposed, if the site could have been cleared of construction plant.

PART II.—REPORT OF THE ST. JOHN S. METCALF CO., LTD.

February 26, 1912.

F. W. Cowie, Esq.,

Chief Engineer, Harbour Commissioners of Montreal.

Dear Sir,—As requested, we are enclosing you herewith our report covering the work under our supervision during the past year.

Yours very truly,

(Signed) H. ROLPH,
Secretary.

Progress Report of Work under Supervision of J. S. Metcalf Co., Harbour Elevator 2.

On January 1, 1911, the foundations for harbour commissioners' elevator No. 2 had been completed. These foundations consisted of 7,781 wooden piles driven to a penetration ranging up to 51 feet, cut off at elevation 97, and concrete foundations to elevation 119·75; total amount of concrete, 9,786 cubic yards.

During the winter of 1910-11, false work for carrying bin bottoms, girders and sliding forms was built.

During March and the first part of April, 1911, reinforcing steel was placed for columns, bin bottoms and girders; the first concrete being placed on April 12. The columns were filled in one week, approximately 2,000 cubic yards. The bin girders followed consisting of 3,300 cubic yards and early in May sliding forms for bin walls

were assembled for the south half of the building. The first concrete for bin walls, south half, was poured May 18, and the top of the bins was reached on June 13, consisting of 5,850 cubic yards. The north half was built in fourteen days; started June 15, and the top of the bins reached on June 29; consisting of 6,752 cubic yards. Therefore the bin walls, amounting to 12,602 cubic yards of concrete, were erected in 42 days.

During July, August and September the sliding forms were taken down and falsework for the distributing and spouting floors, columns, girders, &c., was erected; concrete for these floors was put in early in October. During these three months the curtain walls of first floor were built, drier, boiler and transformer houses were also erected, and the structural steel side shipping gallery was assembled.

During October and the early part of November, forming for columns and girders in cupola was proceeded with, and by November 14 the concrete was in place up to the scale floor, except the walls.

During the balance of November and December, erection of forming continued in cupola up to the top floor and by the end of the year concrete was in up to the weighing floor level.

During the construction of the cupola, in the months of November and December, a considerable part of the equipment of the first floor transformer, boiler and drier houses was erected.

By the end of February, 1912, the concrete structure up to the top floor, with the exception of the walls, was built, and the forming for the top floor columns, roof, &c., was ready.

The electrical installation, power, light and signals was started in January and by the end of February was 50 per cent in.

By the end of February about one-third of the machinery was installed.

The marine tower foundations were put in during December, 1911; and the contract was let for the erection of the steel structures to be completed by April 1, 1912.

Contracts have been let for erection of steelwork for the steel structures connecting elevator with Tower 'L' and with the marine tower.

Unfortunately, during the summer of 1911 the work was seriously delayed by labour troubles.

In September, 1911, the excavation for south extension to elevator was made. In October the contract was let for the driving of concrete piles, but the contractor was unable to drive according to specifications and asked to be released from his contract. This the commission permitted and another contract was entered into with another firm, who by the end of February, 1912, had driven approximately 75 per cent of the piles required.

Every effort is being put forward to have the elevator ready to receive grain from cars and ship to steamers in May, 1912.

Item 3.—The improvement and extension of the harbour railway tracks.

The harbour front of Montreal which had been developed in the past with a view to usefulness only during the season of open navigation, is, owing to its situation, too valuable to be closed during the five months of winter season.

For the carrying out of the instructions of the commissioners, to make the port of Montreal the best possible terminal connection between the Transcontinental railway systems of Canada and the North Atlantic steamships, the shore area of the harbour has been designed as a convenient railway terminal. The railway tracks being operated directly by the harbour commissioners, such supervision can be made of traffic as to permit of extensive shunting and to give convenient access for railway freight to all points on the wharfs at all hours day or night.

The Grand Trunk and the Intercolonial railways connect with the harbour front at its extreme upper or westerly end. The Canadian Pacific and Canadian Northern railways reach the harbour towards the lower or eastern end.

The large harbour transit sheds, otherwise idle during the winter, are very well adapted for the handling and delivering of steamship freight by rail from winter ports.

The harbour extension plan of 1909 called, therefore, for such improvements as would make this valuable water front available for use during the winter. So far advanced is the work that both the Canadian Pacific Railway Company and the Grand Trunk are now handling a large share of their winter steamship and local freight from the harbour sheds.

The success of the traffic already justifies the expenditure and the harbour front is now a busy point during the winter for the transfer of railway cars between railways and for the delivery and receipt of city local freight.

From the Victoria pier eastward there are now no dangerous level crossings. Along this distance the tracks have been raised from the low water level, always flooded during the winter to high level, access being given between the wharfs and the city by eleven subways at the principal points. With the increase of the shunting and railway traffic these subways are of inestimable advantage both with regard to the safety of life and property and also for the convenience of traffic.

In view of the success of these high level tracks and the increase of traffic, large additions have already been required, and instead of two single lines between Victoria pier and Molsons creek, there are now additional lines with three ramps leading to the low level, and instead of eight subways, as originally designed, eleven have been constructed.

In 1911, in addition to improvements to the tracks hurriedly constructed in 1910, the railway was extended from Molson's creek to the Racine pier, a distance of ·606 mile. The details of construction are given in the report of Mr. A. D. Swan, resident engineer.

Item 4.—New Victoria Pier and Market Basin

In the scheme of harbour extension of 1909, every consideration was given not only to the enlargement of steamship accommodation but also to give additional and convenient accommodation to the important fleet of river and ferry steamers.

It was recognized that the river steamers which do a tremendous passenger and market traffic should have a location in the harbour convenient to the centre of the city and to the Bonsecours market.

The plan accompanying this report will give a general idea of the situation and importance of this item of harbour extensions, as approved by the Board of Consultative Engineers of 1909, and as now under construction.

The construction of this large pier in the very centre of the congested harbour district is one of the most serious matters occupying the attention of the engineering department. Every effort is made to advance the work without undue cost, and also not to interrupt the immense traffic which is carried on during the seven months of the navigation season.

The pier has been designed so that the upper and outer portions are to be devoted to steamship traffic and with a view to steamer trains for the immediate transfer of passengers between the steamships and railways. Permanence of construction and the ample dimensions of the berths having a depth of 35 feet at low water, are the features of design for the steamship portion of the work.

The market basin is designed for the safety and convenience of the large passenger and vehicle traffic between the city and the river vessels. Three large and easy ramps lead from the city direct to the low level wharfs, giving roadways and sidewalks which pass underneath and free from railway traffic. The new wharfs being built for river craft are built for convenience of the steamer low gangways, at low water level, and they are built of the same general character for permanence as those of the high level. Slips, numerous and wide, have been designed to meet the requirements of the local steamers.

In the construction of these quay walls several new features have been employed. The cribwork substructure is built with double face timbers and very great additional strength.

NOTE The plan accompanies the separate report published by the commissioners.

The concrete wall of the superstructure is also built of additional strength with new design for the mooring of vessels.

For the first time a new arrangement has been designed and successfully carried out in connection with the construction of the lower part of these concrete quay walls. Mass concrete deposited in water has always proved difficult of perfect construction, and when the face is imperfect in the vicinity of the low water, where the November frosts attack it, the wall, in a few years, becomes eaten away and undermined. Footing blocks of concrete moulded in air have been used for some years. They are quite successful as regards giving a permanent concrete face in the vicinity of low water which is not attacked by frost. The blocks, however, do not fit themselves to the top of the wooden Canadian cribs in such a way as to give the degree of stability or such uniform bearing surface as considered necessary where the heavy concrete retaining wall is founded on timber substructure.

Reinforced concrete shells of an absolutely new design were tried in 1911, and proved very successful. These shells are 6 inches thick, fully reinforced with steel rods and the surface glazed and hardened, are made to fit the top of the cribwork. They are in sections about 20 feet long and the full width of the bottom of the concrete wall.

A derrick lifts them from a scow and places them accurately in position and when the interior is filled with concrete from the mixer it forms 4 feet of solid wall above the top timbers and gives a perfectly stable foundation for the wall with even bearing surface so as not to unduly fatigue any parts of the timber.

When the top of the shell is reached the wall is above water and the wall is built as a direct wall in air with a perfect face.

It has been found that vertical quay walls are much more convenient for present day ships than walls having an angle, and the quay walls are now designed vertical. This requires careful design for stability but when completed it obviates much of the danger of either the ship or the crib being damaged under water as is the case in walls having a batter.

Shed No. 16.—The quay wall for the first berth having been completed, the first shed on Victoria Pier No. 16, was commenced on September 16. This shed is 484 feet long and 100 feet wide.

The concrete pier foundations rests on reinforced concrete piles, of the simplex moulded system. A steel shell was driven to a penetration of 40 ft. and the reinforced moulded pile was lowered on to the iron cap driven by the core and left at the bottom. The interior was filled with grout and kept full as the shell was withdrawn. This gave a moulded reinforced concrete pile having a penetration of 38 ft. and well grouted all around for additional friction bearing power. The average length of these piles for shed 16 was 35 ft.

One of the concrete piles after being driven was selected at random and loaded to the following test, giving eminently satisfactory results.

TEST OF SIMPLEX PILING AND CONSTRUCTION CO.'S PILE, HARBOUR SHED NO. 16.

Total length of pile, 31 ft. 0 ins.

Length of pile in ground, 28 ft. 0 ins.

Two blows of a 3,000 lb. hammer with a drop of 15 ft. gave final penetration of 1 inch.

Up to and at 50 tons no change was observed, and at 60 tons there was an apparent settlement of $\frac{1}{16}$ inch.

The foundations were completed and the piers and wall built ready for the steel at the close of the year.

The shed is of the structural steel skeleton type with reinforced concrete floors and roof, and corrugated iron covering. The columns have been spaced so as to give the maximum area of storage capacity, having bays at 27 feet 9 inches, 42 feet and 27 feet 9 inches. The longitudinal panels on the lower floors are 22 feet long and on the upper floor 44 feet long. Both sides of the shed are fitted with galvanized iron rolling

doors, and on the roadway side rolling doors of the maximum height of the shed will be provided for the handling of very large package freight.

The lower floor is to be fitted up with the necessary offices for wharfinger, marine superintendent and staff, and on the upper floor with first and second class waiting rooms, restaurant and baggage room, having lavatories and all conveniences.

A conveyor gallery is to run the whole length of the shed and will be connected with Elevators Nos. 2 and 1.

Item 16.—Dry Dock Site.

One of the most important items of construction work in connection with the progress of the harbour improvements is the important work of providing a site for a floating dock in the eastern division, below St. Mary's current.

A glance at the chart will show, at the boundary line between the town of Maisonneuve and the parish of Longue Pointe, near the outlet of Molson's creek, a natural bay. This bay, where the water is very shallow and which is of large extent, appears to have been admirably adapted by nature for the purposes of a dry dock or shipyard. There is ample room between the ship channel and the shore. No streets or railways intersect the site. The river is wide and the current very gentle.

The site is connected wtih the harbour commissioners' independent railway tracks, which themselves connect with all Montreal railways. The important main lines of the street railway service pass close to the site. The new and extensive works of the Montreal Steel Works or Canadian Steel Foundries, Ltd., which will be one of the most up-to-date plants on the continent, are rapidly nearing completion; just across Notre Dame street, the extensive Locomotive Works, Structural Steel Works, National Bridge Company, and the Canada Cement Company, besides a host of other manufacturing industries attracted to this locality are branching out and flourishing in this immediate neighbourhood.

Considering, therefore, labour conditions, access by railways and steamships, and the physical suitability of the site, the construction of the Dry Docks Works is meeting with unanimous approval.

The harbour commissioners are supplying the protected basin, wharfs and deep water, as well as an area of 30 acres of made land for shipyard and subsidiary plant.

Messrs. Vickers, Ltd., the celebrated shipbuilding firm of England, through the newly-organized firm of Canadian Vickers, Ltd., under contract with the government and the harbour commissioners, are to construct and maintain the floating dock and a magnificent shipyard and repair plant.

The works undertaken by the harbour commissioners entail the dredging of the basin and placing of all the material in the dump to form the reclaimed land area of 30 acres.

Besides the dredging, the outer slope of the embankment, which, in future, will be a continuation of the line of wharfs in that division of the harbour, is to be rip-rapped sufficiently for its protection.

The quay walls on the three inner faces of the protected basin are being built by the harbour commissioners construction organization of standard strengthened crib substructure, founded 32 feet below extreme low water and improved concrete quay walls up to 28 feet above low water.

The plant engaged on this work during the summer consisted of four and frequently five of the largest and most powerful spoon dredges in the world. In addition to this work in connection with the filling and grading of the reclaimed land, three to four floating derricks and three land derricks were at work most of the summer, working day and night.

The total amount of dredging in connection with the dry dock during the season amounted to 1,246,442 cubic yards.

At the end of the season 60 per cent of the full amount of dredging in connection with the dry dock site was completed.

Of the 30 acres area of reclaimed land, about 4·56 acres was completed to grade and 12·11 acres filled to above water line, but not to full height, making the total area of reclaimed land 16·67 acres.

One line of railway tracks was completed and extended to the outside limit of the shipyard area and the main line parallel to the river shore was constructed for the full length of the site.

One of the main sewers of the town of Maisonneuve, which formerly discharged into what is now the still water protected basin for the dock, was, by judgment of the courts of Canada, obliged to be diverted to a point outside of the dry dock basin into running water.

The town of Maisonneuve awarded the contract for this work to a firm of contractors, and this job has been occupying most of the season and is now at an advanced stage of completion, but not yet connected up.

In connection with the improvements at this division of the harbour, and following the raising of the harbour commissioners' high level railway, the Canadian Northern railway decided to cross Notre Dame street by an overhead bridge. This work was completed and the commissioners' railway specially graded to meet the new level. The first train was carried over this bridge on October 16, 1911, and another step in advance may be recorded for the safety of the public by the abolition of this level crossing at Notre Dame street.

Of the 2,500 feet of Dock quay wall required to be built, the substructure for 800 feet, consisting of 953,600 cubic feet of crib work, was constructed and sunk in place and ballasted before the close of the season. In addition to this, another 100 ft. crib was completed and ready to be sunk when the work had to be stopped on December 4, owing to the winter setting in.

The concrete quay wall was commenced and before the close of the season 780 feet completed up to summer level, in which it will be left to settle during the winter and finished to cope level early next spring.

4,338 cubic yards of concrete was placed in this work, and at the close of the season the basin presented an interesting appearance, having the greater part of the southern dock wall in an advanced stage of completion, including anchorage blocks and the special mooring attachments for the floating dock.

The protected site is now in a sufficiently advanced state for the floating dock, for the deep basin and approach channel are so far completed that docking may take place as soon as the arrival of the floating dock, which is now under construction and which is expected at Montreal in midsummer of 1912.

The Canadian Vickers, Ltd., have had representatives and engineers on the ground throughout the summer, and tenders have been called for the construction of shops of an extensive character, as well as the steel shipbuilding plant in connection with their launching slip. With an eye to the future, this company are designing all their plant suitable for undertaking all kinds of repairs to all classes of vessels, and their construction launching slip is designed to take in at one time either a full-sized merchant vessel on one cruiser and one destroyer, or one full-sized battleship, every requirement for the repairing or building of ships in Canada.

Item 14.—Dredging generally.

1. *Diversion of guard pier.*—A large dredge and a derrick worked practically the whole season at this work; the dredge excavating the old bank and the derrick depositing the material in the new location.

Owing to the diversion of the end of the guard pier, the lighthouse erected by the government some years ago has to be removed. This work is being attended to by the Marine and Fisheries Department, and the pier for the new location was nearly completed on the shore of St. Helen's island, before the winter set in.

2. *Deepening the south channel.*—Elevator dredge *Premier,* as soon as ready for operation, was laid out at this work and continued for the balance of the season. At

times, when it could be spared, a large spoon dredge aided in the carrying on of this urgently required channel enlargement.

3. *Widening and deepening the harbour inside the guard pier.*—For many years, as the ships became larger, the widening and deepening of the channels between the berths at the piers and the guard pier has been continued. The material requires to be blasted, but when dredged it makes excellent crib filling material.

CONSTRUCTION PLANT.

The following plant has been acquired by the harbour commissioners in 1911. The cost of this plant is principally covered by an amount of 5 per cent set apart for this purpose in the appropriations for new works.

1. Elevator dredge *Premier* and tug *Beaver,* bought from the Frank Gilbert estate.

2. The powerful twin-screw tug *Sir Hugh Allan,* built for the purpose of towing heavy dredges and breaking ice when necessary.

3. One 40-ft. boom Browning locomotive crane, fitted with a 1-yard drag scraper bucket and a clam shell.

4. A scow has been fitted with blasting equipment.

Besides, the harbour commissioners have now under construction at their own shops the following:—

The new powerful dredge *No. 6* of the same type as dredges *Nos. 2, 4 and 5,* improved in design and strength and fitted with a longer boom. This dredge will be ready to start work at the opening of navigation.

A floating derrick designed on the same lines as the five floating derricks owned by the harbour commissioners, but improved and strengthened.

Two strongly designed flat scows.

Dredge *No. 5,* the machinery of which was constructed at the harbour commissioner's shops in the winter 1910-11, has been in operation the whole season, also the three flat scows built at the same time at the harbour commissioners' shipyard.

Automobile.—The harbour commissioners' automobile was in commission from the opening of navigation to the end of the year.

It proved most useful for prompt inspection by the engineers and visitors of the works, spread over five miles of wharf.

GENERAL IMPROVEMENTS.

Electric Hoist on King Edward Pier.—A new electric hoist of different design but equipped to do work similar to that of the hoist erected in 1910 at shed No. 11, was built on the King Edward pier in 1911 to carry teams to and from the overhead bridge connecting the upper floors of sheds 7, 8, 9 and 10.

This hoist was put in operation at the beginning of September and has proved entirely satisfactory both as to working and number of teams elevated and lowered.

Engine House and Harbour Yard.—In 1910 the harbour commissioners planned to build an engine house for storing their five locomotives alongside the high level railway below the Hochelaga cotton factory. A small amount of work had been done on this construction when the Rafferty property adjoining the site of the proposed building was advertised for sale.

As the harbour yard on Papineau Avenue had become unable to cope with the requirements, the harbour commissioners changed their plans with regard to the new engine house and decided to acquire the Rafferty property upon which to erect a new yard together with an engine house, all in one building.

Plans were prepared and tenders called for the new building and the contract let to Mr. C. E. Deaken who commenced immediate construction.

The building has now progressed to an advanced stage of completion and is promised for delivery in the early part of the summer.

It is built entirely of concrete and will be equipped with offices, carpenter shop, blacksmith shop, storage rooms, coal pockets, ash pit, stand pipe and a travelling crane for transporting parts of the locomotives under repairs.

It will be connected by sidings to the high level railway.

Sheds on the Tarte Pier.—At the request of the McLean-Kennedy Co., and the Elder-Dempster line, the commissioners decided in the spring of 1911 to build two one-story freight sheds on the Tarte pier. Tenders were called for in the usual way and the contract awarded to Mr. E. G. M. Cape who commenced erection at the beginning of July. The buildings are now progressing in such a way that they will be entirely completed at the beginning of June, 1912.

The walls and floors are built of concrete and the roof covered with gravel. All side doors are of the sliding type, made of steel and the end doors are of the rolling up system, of steel also. The two sheds are separated by a distance of 100 feet. The frames and roofs of these sheds have been so designed that a further story can be added later if required. They have each a floor area of 32,000 sq. feet.

Dominion Coal Wharf, Hochelaga.—Filling behind the concrete quay wall, constructed in 1910 for the Dominion Coal Co., was continued and 2,850 cu. yds. of material deposited during the year. New tracks of a total length of 1,680 ft., connected with the harbour railway were put in for the use of the coal company.

Racine and King Edward Park Wharfs.—In order to accommodate the ferry passenger traffic to the King Edward Park, a wharf made of timber piles was constructed near Racine pier, and another of the same type of construction at the King Edward Park, this latter rendered necessary by the foundering of the old wharf there.

St. Helen's Island Ferry Wharf.—By agreement with the city authorities the commissioners decided in the spring of 1911 to construct for and at the expense of the city, a wharf at St-Helen's Island to accommodate the ferry traffic between the city and that playground.

The wharf is of the standard crib substructure and concrete superstructure, 265 feet long, low level, and was entirely completed during the summer, with the exception of a small amount of back filling. As early as the beginning of August the St. Helen's Island ferry boats commenced using this wharf although barely completed.

PART II.—MAINTENANCE.

Wharf Repairs and Maintenance.—The cleaning and repairs to the roadways and wharfs and maintenance generally, have been kept up as usual.

No extensive repairs were made to the low level wooden wharf; in view of the proposed permanent works only absolutely necessary repairs were done.

The two principal items of this work during the season have been repairs to the concrete wharf at section 25 and at the Bickerdike pier.

Steel Freight Sheds.—The maintenance of the fourteen steel freight sheds has been carefully attended to, the steel work scraped and painted and the concrete floors repaired where damaged by heavy traffic.

The chutes outside and inside the sheds were also kept repaired and in good working order.

Mail boxes.—For the convenience of the travelling public in the harbour, the commissioners, in 1910, applied to the post office authorities for mail boxes to be placed at the entrance of the steel transit sheds.

This was agreed to by the Post Office Department and at the opening of navigation mail boxes had been placed at the following sheds:—

One at shed No. 2.
" " " 4.
" at sheds Nos. 7 and 8.
" " 10 " 12.

This new convenience has been greatly appreciated from the first day of its installation.

Chutes for Sheds.—At the request of the steamship companies the commissioners erected the following new chutes for the handling of freight from and to the upper floors of the steel sheds:—

At shed No. 6, two double chutes.
" 11, one "

Railway Maintenance.—The railway tracks on the water front operated by the harbour commissioners, were kept in excellent order during the year.

In the spring the recently built embankment of the high level railway softened somewhat under the action of the water, and shimming up of the tracks had to be resorted to to keep the traffic going until dry conditions prevailed.

No more low level tracks remain to be diverted to high level.

Electric Lighting and Power.—The contract of 1910 between the harbour commissioners and the Montreal Light, Heat and Power Company provides for an unlimited supply of electric power on the harbour. It was drawn in view of the proposed extensions, especially the grain handling equipment, which is exclusively run by electricity and requires a great deal of power.

From Bickerdike pier to Pius IX avenue, the lighting of the harbour was kept up to standard during the year. The maximum number of lamps in operation during the summer was 185. During winter several lamps were kept as usual burning on the high level piers where winter business was being carried on.

Life Saving Equipment.—The life saving equipment of the harbour was closely inspected throughout the season and any life buoys or life poles missing, for one reason or the other, were immediately replaced.

Altogether 130 life poles and buoys were scattered over the water front; during the season six lives were saved by their use at the following places: Sections 23, 28, 30, 33, 40 and 46.

Testing of the Basin and Channel in 1911.—The testing was carried out with the harbour commissioners' testing boat and tug *Alphonse Racine.* The whole space of the channel and wharfs below Montreal was gone over, and overlapping was done on the different runs so that nothing would be missed. The lines were run by shore beacons, cross marks and channel buoys, and the results carefully recorded from indications on the automatic dials of the testing machine.

The results were carefully plotted in the drawing office from the records thus made.

All the testing was reduced to low water of 13 ft. 7 in. depth on the lower lock sill of the Old Lachine canal, the low water record of 1897, the extreme low water level adopted by the Department of Marine and Fisheries.

In the channel and alongside the wharfs, from Tarte pier to Victoria pier, the testing was for a depth of 30 ft. at low water; from Victoria pier to section 12 and above on the south lower half of the Windmill Point basin to 29 ft. depth, and the balance of the Windmill Point to 25 ft. depth.

The sweeping of the channel was commenced on May 6, and was continued at various times during the season of navigation.

The results of the tests between May 6 and June 20 showed that the channel below the Victoria pier was clear to standard depth, with the exception of a small area which was found to be only 29 ft. 6 ins. in depth about 60 feet south of centre opposite sections 23-24, and part of the shoal just at the lower end of the Guard pier, where it was found that a small amount of dredging was required to widen the channel opposite the new Victoria pier to full depth of 30 ft. at low water, and the necessary dredging was done.

On July 26 and 27 the channel and basin from Jacques Cartier pier to section 12 were tested and found clear to 29 ft. at low water. The northern half of the

Windmill Point basin and the upper southern half from section 8 were also tested and found clear to 25 ft. depth, with the exception of a few small spots showing 3 inches less, and a few small areas from section 7 N up along the wharf, that it would be dangerous to dredge on account of the cribs. None of these spots will cause interruption to navigation.

From November 21 to 25, inclusive, the channel was re-tested from St. Ann's Cotton Mills to Tarte pier and found clear except at some spots close to the old 25-foot wharfs which showed 6 inches to 3 feet less than 30 feet at low water. During the same parts of the channel from the Ste. Ann's Cotton Mills to Victoria pier, and the basin in front of the new wharfs section 24 to 20 were tested to 30 feet and found clear except a strip alongside parts of the new wharfs which had been filled with rock for temporary protection during construction. These spots are all of insignificant proportions and will not interfere with navigation by vessels which use these wharfs.

On December 6 the channel and basins from sec. 19 to 12 were swept and found clear to 29 feet, with the exception of a small spot in the Allan basin which showed 3 to 6 inches less than channel depth and which causes no interruption to vessels. This spot will be dredged off next spring before vessels arrive.

The Windmill Point basin on the north side and the upper half of the south side was re-swept for 25 feet depth at low water and found clear except the insignificant spots, 3 inches less than standard depth, as above mentioned.

The lower south half of the basin was tested for the first time this year on December 7 and found clear to 29 feet at low water except a few small spots close to the wharf which showed 3 inches at the outer edge and 2 feet 9 inches close against the wharf less than standard depth. These spots do not interfere with the berthing of vessels but they will be dredged off next spring if practicable.

No testing has been done this year in the basins between Laurier pier and Sutherland pier, and the records only show the results of former years' testing. These basins are clear throughout for navigation of 27½ feet draught.

Elgin Basin Sewer Dredging.—As customary, just before the taking of the ice, the sewage matter deposited in the Elgin basin by the sewer having its outlet there, was dredged out. There yet remains some of the accumulation which will be cleaned out at the opening of navigation.

PART III.—OPERATION.

Grain Elevator No. 1.—The following table gives the records of the operations of the grain elevator since the house has been in commission:—

Year.	Bushels elevated.
1904	565,355
1905	4,356,568
1906	944,321
1907	1,078,289
1908	8,661,350
1909	11,691,071
1910	14,906,569
1911	13,849,475

The falling off in the amount of receipts as compared with 1910 cannot be attributed to less business offering, as many grain boats had to be turned away, the house being loaded to almost full capacity with grain due for late delivery.

Other reasons for the decrease in receipts were the low water in the canals and the dock strike in England which delayed many ships bound for Montreal.

One of the features of the year's business is the increase over 1910 of 1,200,000 bushels in the receipts of American grain.

The maximum quantity of grain in store at one time was 1,007,953 bushels while the normal storage capacity of the house is 1,000,000 bushels.

The following report of Mr. Jere Nehin, superintendent, gives the details of the operations for the year:

F. W. Cowie, Esq.,
Chief Engineer.

Dear Sir,—I beg to submit for your information and that of the harbour commissioners the following report of grain elevator No. 1 for the season of 1911.

The amount of work done during the season is somewhat less than that of 1910. This is explained by the following causes:—

Shortly after opening of navigation the storage capacity was fully taken up and this condition continued for the greatest part of the season. We could only receive therefore grain into store as room was made by export shipments and consequently had to refuse considerable grain.

Again on account of the strike of dock laborers in England, whereby steamers' scheduled time was disarranged, causing delays, some Montreal steamers only coming as far as Quebec.

The low water also that prevailed in the river and canals this season resulted in many boats from the upper lakes being tied up waiting for the water to rise.

The lateness of the harvest in the west also contributed, being about a month behind.

The above causes resulted in a shortage of fully 800,000 bushels in our receipts compared with 1910. Taking these reasons into consideration I think we did well on the whole, and consider we had a successful season.

I beg to call attention that on August 9 we shipped to Buffalo 16,937 bushels Canadian barley, which was first shipped from Duluth to Montreal and remained in store for two years and eight months. I also beg to say that we received from Buffalo on November 21, 39,876 bushels wheat. This was Canadian wheat shipped from Fort William; it was stored in the Electric elevator in Buffalo and transhipped to Montreal for export.

During the season of 1911, 169 steamers and 205 barges were unloaded, making a total of 374 vessels, against 387 in 1910, a decrease of 13 vessels.

I would like to draw attention to the manner in which the staff has to come out at night to deliver grain to steamers. Sometimes they have to come at 7 p.m. for ships said to be ready to receive grain, but often they are not ready until 8.00, 8.30 and 9.00 p.m.

We had an instance last season when we were asked to come at 7 p.m. on Sunday. Men were here in time, as ordered, but were told the ship would not be ready before morning. She was not ready then nor that day. We were asked to come again on Monday night to deliver same lot of grain. Again the men were sent home, the ship not being ready and did not get ready until 7 p.m. Tuesday evening 48 hours later than time they first said they would be ready.

We are always prepared to deliver grain at night, but it seems to me that if a ship is not ready to receive grain at 7 p.m. she should be put off until next morning at 7 o'clock, except on special occasions.

The present winter repairs are such as are required after an active season, consisting of overhauling of the legs and machinery. As you are aware, we are now repairing the pits of our lofter legs. Outside of these repairs all the work can be done by our regular winter staff, except blocks and tackle for the pneumatic shovels which will have to be sent to the shop for repairs.

In the conveyor system there will be three belts to repair which will require 125 feet new conveyor belting. One clutch will have to go to the shop to be repaired and 18 goose neck spouts are now under repair by the sheds staff, and quite a lot of other repairs which can be done by our staff.

We may require before next season expires a new marine leg belt and buckets.

No serious delays or mishaps have occurred during the season to interfere with the working of the elevator.

You will find statement hereto attached of the season's work.

The whole respectfully submitted.

Yours obediently,

(Signed) JERE NEHIN,
Superintendent.

STATEMENT OF GRAIN RECEIVED AND DELIVERED AT HARBOUR COMMISSIONERS' ELEVATOR NO. 1 DURING SEASON OF 1911.

Grain received and in store—

Kind.	No. of bushels.	Total.
In store end of season, 1910		712,855
Received—		
Wheat	8,115,336	
Corn	2,500,392	
Oats	3,158,921	
Barley	49,642	
Flaxseed	16,290	
Peas	4,894	
		13,849,475
Total		14,562,330

Grain delivered and in store—

Delivered—

Kind.	No. of bushels.	Total.
Wheat	8,266,984	
Corn	2,500,592	
Oats	3,424,567	
Barley	55,872	
Flaxseed	16,290	
Peas	4,894	
		14,269,199
In store end of season, 1911		293,131
		14,562,330

Of the above there was—

Delivered by conveyor	13,338,813
" cars	475,386
" teams	222,270
" in bags	232,730
	14,269,199

Floating Grain Elevators.

The floating grain elevators purchased by the commissioners in 1910 were, at the close of that season turned over to the machine shop and shipyard for repairs and general overhauling.

In 1911 the commissioners operated six of these floating elevators transferring grain from lake vessels directly to steamships.

FLOATING CRANE NO. 1.

The floating crane was in commission during the whole season of navigation, opening same at the end of April with three days' work on a dredge at the Marine and Fisheries shipyard at Sorel.

In August the crane reached the highest record since the beginning of its operation, by making 112 lifts of an average weight of 11½ tons.

The need of this equipment in the Port of Montreal and the new trade in heavy machinery, principally resulting from having it, can be judged from the fact that in 1911 the number of lifts and their total weight has quadrupled over the business of 1910.

In November and December the Marine and Fisheries Department again used the crane at Sorel to lift dredge spuds weighing 60 tons each. Besides it has proved most useful on the harbour work for lifting locomotive cranes, concrete mixers and in making heavy lifts for the dredging fleet.

During the season the total number of lifts by the crane has been 633 and the total weight 5,310 tons.

Hoist No. 1, Sheds Nos. 11 and 12.—This hoist was in commission from April 20 to December 9. On several occasions it was run overtime at night and on Sundays during rush periods.

The following table gives the record of the hoist during the season:—

Number of days in operation, 205.

Total number of teams carried, 11,997.

Cost of power, operation, repairs, &c., $1,191,09.

Average cost per team, 10 cents.

Hoist No. 2, King Edward Pier.—This hoist was put in commission on September 7, after many tests had proved it to be equal to specification, and it continued working until December 12.

The following table gives the record of its operation during that time:—

Number of days in operation, 84.

Total number of teams carried, 4,705.

Cost of power, operation, repairs, &c., $625.65.

Average cost per team, 13⅓ cents.

GENERAL NOTES.

Elgin Basin Sewer Commission.—All the old plans of Montreal, or Ville Marie, show St. Peter's river, or Petite Rivière St. Pierre, which flowed into the St. Lawrence opposite the market gate, in the exact position of the present Elgin Basin sewer.

In 1832 the Royal Engineers constructed a deep stone tunnel for the Little river from McGill street to the point where it discharged into the river, near the present Custom House. As the city built up, sewers were laid into the tunnel. The sewage area now drained by the Elgin Basin system is 375 acres.

The basin is now enclosed between two piers, each extending out about 1,000 feet and situated in a protected harbour. The harbour has been designed with inlets sufficient to change the water every 14 hours, but not with sufficient current to carry away sewage matter which is left to precipitate near the outlet and to form gases which bubble up, all of which has caused the protests of the sanitary authorities.

The deposit of sewage in the basin of the harbour is not only a polution of the water and a danger to health, but it is an impediment to navigation. It has been reported that frequently the ships berthed near the outlet are put to the serious trouble of having the intakes for their condensers and fire pumps blocked.

At a conference held on July 13, 1910, between the city controllers and the harbour commissioners, it was decided that means should be adopted to abate the nuisance caused by the deposit of sewage in the Elgin basin.

A commission was appointed, consisting of Mr. Stuart Howard, C.E., and Mr. F. W. Cowie, C.E., who, as instructed, nominated Mr. Henry Holgate as their third engineer.

On July 19 an appropriation of $2,500 for carrying on the investigation was approved by the city, and the harbour commissioners passed a resolution approving of a similar amount to be expended on their part, the total amount of the appropriation in no case to be exceeded.

The expenditure on the part of the city was voted by the city council on November 9, 1910, and the agreement between the two boards of commissioners was signed on January 9, 1911.

On January 12 a meeting of the Elgin Basin sewer commission was held and discussed the various schemes to be considered, one of them being purification of the sewage and the other six alternative routes where the sewer could be diverted to find an outlet further below in the swift current. The latter schemes all involve the erection of a pumping plant at Place Royale.

After a series of conferences had been held and survey work accomplished, on March 31 the commission presented to the city authorities and the harbour commissioners a report which recommended the diversion of the sewage, at present running into the Elgin basin, to what was named route No. 5. The scheme is as follows:—

A pumping station at Place Royale raising the water into a new sewer which will follow St. Sulphice street and Place d'Armes Hill to the Craig street sewer.

The sewer to be for the most part built in a tunnel, the construction of which would not seriously interfere with traffic. The distance from the pumping station to the end of the work is shorter than any other proposed route.

The estimated cost of this work is $120,000 for brick sewer, or $150,000 for cast iron tile lined sewer.

Wharf Accommodation.—The extent of the wharfs at the end of the season is as follows:—

For 30 feet draught and over	21,182	lin. feet, or	4·011	miles.
25 to 27½ feet	14,890	"	2·821	"
Total deep draught	36,072	"	6·832	"
For 20 feet and under	3,137	"	0·059	"
Total wharfage at the end of 1911	39,209	"	7·426	"

Extent of Harbour Railway Tracks.—The extent of the harbour commissioners' railway tracks at the end of 1911 is as follows:—

1. Southeast of Lachine canal, connecting only with the Grand Trunk railway system, and not operated by the harbour commissioners' traffic department:—

	Feet.	Miles
Mackay pier	10,400	1·970
Bickerdike pier	11,885	2·251
Windmill Point wharf	9,142	1·731
Total, southeast of Lachine canal	31,427	5·952

2. Harbour front from foot of Lachine canal to Molson's creek, connecting with Grand Trunk railway, Canadian Pacific railway and Canadian Northern railway. Operated by the harbour commissioners' traffic department:—

	Feet.	Miles.
High level embankment wharfs and piers, sec. 12 to 19	38,635	7·32
Sections 19 to 55	39,500	7·48

Low level wharfs, sec. 19 to 55	35,800	6·78
Total operated by commissioners	113,935	21·58
Operated by railway companies:—		
Coal siding, sec. 36-37, Canadian Pacific Ry. Co. (joint use with traffic department)	1,700	0·322
Siding, sec. 47 to 55, Canadian Northern railway.	9,900	0·739
Total operated by railway companies, eastern section	5,600	1·061

3. Industrial railway connections:—

	Feet.	Miles.
Southern Counties railway, Windmill Point	475	0·090
Locomotive wharf	1,350	0·255
Longue Point Village wharf	160	0·030
	1,985	0·375
Grand total tracks on harbour in use in 1911	152,947	28·968
Track ready for operation in 1912:—		
Molson's creek to Racine pier, sec. 55 to 62	3,250	·606

Depth of Water.—The depth of water in the ship channel was abnormally low during the season, due to the falling off in the level of the Great Lakes.

The following table gives a comparison of the monthly averages of the depth of water on the old No. 1 Lachine canal lock sill, with the corresponding depth in the harbour ship channel:—

Month.	Depth on old Lock Sill Lachine Canal.		Depth in Harbour Channel.
	Average. 1901 to 1910.	Average. 1911.	Average. 1911.
May	20 ft. 8 in.	19 ft. 4 in.	34 ft. 9 in.
June	19 " 5 "	17 " 6 "	32 " 11 "
July	17 " 4 "	15 " 1 "	30 " 6 "
August	16 " 2 "	14 " 0 "	29 " 5 "
September	15 " 6 "	13 " 3 "	28 " 8 "
October	15 " 5 "	12 " 9 "	28 " 2 "
November	15 " 2 "	13 " 0 "	28 " 5 "

Accidents to Vessels in the Harbour.

The only accident which occurred in the harbour was the grounding of the SS. *Lake Champlain* at the foot of the St. Mary's current on October 27.

When leaving the harbour at daylight the *Lake Champlain* met a snow flurry and the pilot decided to anchor in the wide portion of the channel opposite the Laurier pier. In swinging round, although the ship dropped anchor, she dragged with the current against the mud bank on the south side of the channel.

Tugs were immediately sent to pull the steamship off, but without success. The following day it was decided to lighten the ship and after some of that work had been carried out another attempt was made with tugs and again proved futile.

One day was lost on account of the high wind prevailing.

On October 31, however, after 1,500 tons of cargo had been removed and some dredging done, the *Lake Champlain* was pulled out with the help of ten tugs and her own steam.

Slight damage only resulted to the rudder and propellor.

FIRES AND FIRE SERVICE.

For some time at the end of January and the beginning of February, the St. Lawrence sugar refinery had a fire burning in their coal piles at Pius IX ave. This fire was extinguished by keeping a hose playing water over the coal day and night. No damage was done to harbour property, except a small flooding of the low level tracks.

On April 14 (Good Friday) a fire occurred on the Mackay pier in a line of G.T.R. box cars. Help was promptly despatched over by the commissioners and the fire was checked after having destroyed 7 or 8 cars. No damage was done to harbour property.

On May 3, fire broke out in a wooden shanty belonging to a steamship company on the upper floor of shed No. 14. Overheating of the stove in the shanty is said to have been the cause of the fire. It was promptly put out by the fire brigade and no damage was done to harbour property.

A small fire occurred on barge *Ernest of Montreal,* moored at shed No. 14 on June 3, and was put out by the commissioners' hose before the arrival of the city fire brigade. Only insignificant damage was done.

On June 28 a small fire occurred in a Canadian Pacific railway car loaded with sweepings, near shed No. 10. It was extinguished by the hose on the pier before the arrival of the fire brigade.

Fire was discovered on June 30 in SS. *Manchester Corporation,* moored at Jacques Cartier pier, and was put out by the commissioners' hose before the arrival of the fire brigade.

Damage to harbour property amounting to about $10 was done on July 20, owing to a fire in two railway cars, loaded with rubbish, standing near shed No. 9. The fire was extinguished by the city fire brigade and the commissioners' hose.

On October 1 a second fire occurred in a string of Grand trunk railway cars standing on the guard pier. As the fire brigade could not reach there the commissioners despatched a gang of their own men and the fire tug *St. Peter.* With this organization the fire was got under control in two hours.

The commissioners' hose on Bickerdike pier was used at intervals throughout the year to extinguish fire in the coal piles.

During the year five new fire alarm boxes were installed on the harbour at the following places:—

2 on Bickerdike pier.
1 at Longueuil ferry.
1 on Tarte pier,
1 at the coal towers, Hochelaga.

All these boxes are of the latest non-interference type.

Labour.

The following table shows the maximum and average number of workmen employed directly by the harbour commissioners during the season of 1911:—

	Maximum.	Average.
Construction of wharfs, elevator, &c.	1,313	1,135
Maintenance, cleaning, &c.	73	47
Harbour yard, carpenters, blacksmiths, &c	11	9
Sawmill and timber boom, sawyers and handymen. .	32	27
Machine shop, machinists, blacksmiths, &c.	58	53

Shipyard, carpenters, labourers, &c.	74	37
Dredging fleet, crews of dredges, tugs, &c	268	238
Grain elevator, foreman and operators.	37	31
Floating elevators, foremen and operators	24	24
Shed repairs and maintenance.	19	8
	1,909	1,609

The working day in general is 10 hours, but the hours were lengthened to 11 and 11½ hours during the busy season, and part of the work of construction and the dredging operations were carried on by both day and night shifts.

The report of Mr. A. D. Swan, resident engineer, with table of details of construction work, and tables of quantities and costs prepared by Mr. George Smart, accountant, are hereto annexed.

I am, sir,

Yours obediently,

FREDERICK W. COWIE,
Chief Engineer.

MONTREAL HARBOUR EXTENSIONS.

MONTREAL, December 31, 1911.

F. W. COWIE, Esq., B.A. Sc., M. Inst. C.E.,
Chief Engineer,
Harbour Commissioners of Montreal.

SIR,—I have the honour to present the following report showing the progress made during 1911 with the construction of new works, authorized under the 'Scheme for Montreal Harbour Extensions, 1909.'

The detailed drawings for the works to be constructed during 1911 were prepared during the winter season.

The floating derricks were taken from their winter quarters in the harbour on the 26th April, and owing to an enormous quantity of ice having piled on the old Victoria pier and low level wharfs, were employed clearing same until May 1st.

Dredging operations commenced on May 3rd.

Owing to the urgent necessity of carrying out the construction as rapidly as possible the dredges and derricks worked continuously during the night as well as by day from May 9th to December 4th. The work on shore, with the exception of the steam cranes, was for the most part carried on only by day.

The following is a summary of the principal works executed:—

1. The old wharf in front of new elevator No. 2 was removed to extreme low water level and a new concrete quay wall constructed in its place for a length of 393½ feet.

2. The whole of the foundation work for a new marine tower jetty in front of elevator No. 2 has been constructed, and the concrete quay walls for half its length and the foundations for the marine tower entirely completed.

3. The High Level Railway has been double tracked from Victoria pier to Molson's creek and a single track constructed from Molson's creek to Racine pier.

4. The Victor and Berri street subways have been completed.

5. The new high level Victoria pier quay wall has been entirely completed for a length of 601 feet and a further length of 139 feet has been nearly completed.

6. A high level retaining wall has been constructed for 596 feet between the new Victoria pier and Market basin, and a ramp made connecting these wharfs.

7. A new concrete quay wall 935 feet in length has been constructed at the Market basin.

8. A high level concrete retaining wall has been constructed at the Market basin, between Victor street subway and Berri street subway.

9. An area of 6,443 square yards of granite paving has been laid at the Market basin. The concrete foundations for shed 16 on Victoria pier have been nearly completed and water service and sewers laid.

10. Dredging to the amount of 1,453,492 cubic yards has been done for the new dry dock basin, and eleven acres of land reclaimed from the river by depositing of the dredged material.

11. A considerable part of a new quay wall has been constructed at the dry dock basin; 800 lineal feet of foundation and about half the concrete superstructure on same has been completed.

12. A new concrete ferry pier landing stage 265 feet long has been constructed at St. Helen's island.

13. A new ferry pier for passengers has been almost entirely completed at the Racine wharf.

DESCRIPTION OF WORKS.

ELEVATOR NO. B—PART 1.

Item No. 1—Marine Tower Jetty.

The foundations for the marine tower jetty were dredged down to a depth of 38 feet below low water level. The outer end of the jetty consists of cribwork foundation, 200 feet long by 50 feet wide, filled with rock up to low water level, with concrete superstructure and reinforced concrete tower foundations, all of which have been practically completed.

The cribwork for the inner end of the jetty for a length of 167 feet has been completed, sunk and filled with rock.

The concrete of this jetty was prepared by an ordinary land mixer secured on a scow, and was lifted into place by No. 3 land crane also moored on the scow, the crushed stone being brought alongside on contractors' scows straight from the quarry.

A deep trench has been excavated from Commissioners street to elevator No. 2, in which has been laid a sewer, water pipes and electric cables.

Item No. 2—New Quay Wall in front of Elevator.

The work of removing the old sloping cribwork along the front of elevator No. 2 and replacing same, from low water level, with a concrete superstructure, was commenced on August 25, and 393 feet 6 inches out of the total of 600 feet has been entirely completed.

Owing to the material storage bins in connection with the elevator being erected on the site of this wall, the work was carried out in three separate lengths of about 130 feet each.

The material was excavated by hand and removed by scows. In order to strengthen the old cribwork and permit of deepening the harbour along the front of the new elevator No. 2 heavy timber sheet piling had been previously driven down to the rock, a depth of about 50 feet, along the whole length of this quay. The waling was then fixed along the front of the piles at low water level, and anchor bolts about 6 feet long were placed in position so as to secure the piles to the concrete superstructure

The base of the concrete wall was reinforced with old permanent way rails and the wall was further anchored with 2¾-inch tie rods partly embedded into the foundations of the elevator and part into concrete blocks.

The concrete material was stored in bins in front of the elevator whence it was measured out and mixed in an electrically driven machine close to the work, and the wall was completed November 27.

ITEM NO. 3—HIGH LEVEL RAILWAY TRACKS.

Lifting Track, &c.—Work was recommenced on the high level track system on May 10, the first work consisting of lifting the old low level tracks between the old jail ramp and the Dominion Coal Company's wharf, to permit of the high level embankment being widened to take two main tracks. A rubble stone temporary retaining wall for the embankment was also constructed from the jail ramp subway to the Longueuil ferry subway, to form a protection for the railway embankment.

Embankment.—On June 5, the Canadian Pacific Railway Company, under their agreement, recommenced dumping material from the Place Viger terminals to increase the width of the embankment between the jail ramp and the Longueuil ferry subway. This work was completed by June 22.

Permanent Way.—New additional permanent way has been laid for two tracks from Elevator No. 2 to Berri street subway and for an additional track from Berri to Beaudry streets; also for double tracking from the jail subway to Longueuil ferry subway, as well as from Richelieu street subway to Desery street and from Nicolet street to Molson's creek. At the latter point a very considerable amount of work has been done in connection with the track system by diverting the old low level track, on which the Canadian Northern railway line crossed Notre Dame street, to a new high level bridge constructed by them, which was opened for traffic on October 16.

In addition, a railway embankment has been constructed from Molson's creek along the foreshore to Racine pier and a single track laid thereon and connected with the track at Racine pier leading to the locomotive works. This embankment was formed by trimming up the old foreshore with No. 2 scraper bucket excavator. Where the track crossed the old drainage outlet at section 60 reinforced concrete pipes 39 inches in diameter have been laid.

Victor St. Subway.—The Victor street subway, having a span of 50 feet, had been constructed during 1910 of a sufficient length to carry four lines of way overhead, and the extension of this subway to carry six lines and a roadway was commenced on May 8 and was entirely completed, with the exception of the steel bridges, by the end of June.

Berri St. Subway.—The Berri street subway, having a span of 36 feet, had been constructed during 1910 of a sufficient length to carry three lines of way overhead, and the extension of this subway to carry six tracks and a roadway was commenced on June 2 and entirely completed, with the exception of the steel bridges, by the end of July.

The concrete in both subways was mixed by machine in close proximity to the work and deposited in place by travelling cranes.

The old Lacroix street sewer which passed through the Berri street subway and discharged into the harbour, was opened up and filled with muck, as owing to the alterations at the Place Viger termina's it was not further required.

ITEM NO. 4—NEW VICTORIA PIER AND MARKET BASIN.

New Victoria Pier.

Dredging.—During May a considerable amount of dredging was done at the outer end of the new Victoria pier, to permit of No. 4 crib being sunk. The material dredged had been placed there at the end of last season to protect the extreme outer end of the pier from ice shoves. It proved quite effective as no damage whatever was done to the pier during the winter.

Cribs.—No. 4 crib, 160 feet long and having double face timbers, was completed to a height of 38 feet by the beginning of July, and before the end of the same month had been sunk and filled.

No. 5 crib specially constructed for the extreme end of the pier, has been practically completed but not sunk in position.

Concrete.—The concrete superstructure of the pier for a length of nearly 600 feet had been constructed during 1910 up to the height of the low level wharfs, and the concreting for raising the pier to high level was commenced on May 12 and completed by the end of June.

During July the concrete superstructure and shed buttresses were constructed on top of crib No. 4 up to the height of the low level wharfs.

Reinforced Concrete Blocks.—In order to ensure a good face on the concrete quay walls for a height of 4 feet from low water level, and at the same time decrease the cost by doing away with a lot of diver's work, preparing the forms under water, and further to admit of much greater rapidity of construction, a new type of reinforced concrete block, or shell, was designed and has been used throughout the season.

The blocks are moulded in lengths of 20 feet by 4 feet high and 15 feet in width for the high level walls, and 12 feet in width for the low level, and are so shaped that a concrete dowel is formed between each block when set in position.

The blocks were formed inside moulds in a small yard on the old Victoria pier specially reserved for this purpose. The concrete was allowed to set for not less than three weeks before the blocks were lifted. Altogether 91 blocks varying in weight from 10 to 12 tons were made, all of which were lifted and finally set in position in the various quay walls by No. 1 floating derrick. After the blocks were placed in position they were filled with ordinary mass concrete which was bonded to the reinforced blocks with strap irons embedded in the blocks.

Filling.—The New Victoria pier for a length of about 730 feet and an average width of about 160 feet has been filled up to a level of about 4 feet below cope. Most of this material with the exception of that at the extreme outer end has been deposited by city contractors, free of charge.

Shed Foundations.—Concrete buttresses had been constructed at 22-foot centres along the back of the new Victoria pier quay wall in order to form a base for the shed foundations. At either side of these buttresses two reinforced concrete piles were driven, and on the top, with a base spread over the buttresses and the piles, large rectangular concrete blocks were constructed to a level of 4 feet 6 inches below cope.

MARKET BASIN.

Dredging.—Dredging for the extension of the shore wharf of the Market basin was commenced on the 6th May and 935 lineal feet has been completed, joining up to the old concrete wharf at section 23.

Owing to the old wharf being in close proximity and founded at much higher level, the greater part of it collapsed from time to time as the dredging proceeded. This, however, was anticipated.

Cribwork.—The cribwork was founded at depths varying from 35 to 38 feet below low water level. Each of the cribs sunk was 45 feet wide at the base and 200 feet in length, with the exception of the last crib, which was 130 feet long.

Very great difficulty was encountered in sinking crib No. 9 owing to the swift currents in the river, and five tugs, two dredges and fifteen steel hawsers ashore were necessary to keep it in position while it was being sunk.

Junction with old Concrete Wharf.—In the narrow space between crib No. 10 of the Market basin and the old concrete wharf a cluster of piles was driven and bags of concrete rammed down to make same secure below low water, and a number of old permanent way rails were cantilevered over the top of the crib towards the old wall,

but not connected to it so as to form a straight joint. Above this the ordinary mass concrete construction was carried out.

Concrete.—The superstructure of the quay wall was constructed of concrete from low water to cope level and was entirely completed, along with nine slipways, for a length of 935 feet.

Reinforced Concrete Blocks.—The new system of reinforced concrete blockwork, as already described for the Victoria pier, was used for the construction of the Market basin quay wall, and proved very effective in the rapid current.

Filling.—The filling at the back of the new quay wall for its whole length has been completed. This material was mostly deposited by city contractors, free of charge.

Planking Wharf and Slipways.—The first part of the Market basin wharf for a length of 800 feet, which was constructed last season, was planked for a width of about 30 feet from the back of the wall in front of the Richelieu & Ontario Navigation Company's sheds.

Retaining Wall from Victor to Berri Streets.—A heavy mass concrete retaining wall, 670 feet in length and 19 feet high, has been constructed between Victor street subway and Berri steet subway. The work was commenced on May 12 and entirely completed by the middle of July.

The trench for this wall was excavated by No. 2 crane scraper bucket which worked very expeditiously. The concrete material was brought in on the high level tracks and shot down into the concrete mixer on low level, whence it was deposited into the wall by steam travelling cranes.

The wall is surmounted by an iron handrailing.

Retaining Walls and Ramp between Market Basin and Victoria Pier.—A new concrete retaining wall has been constructed from the Victoria street subway towards the outer end of the new Victoria pier for a total length of 596 feet. The excavation for this wall was done by manual labour. The concrete was mixed in close proximity to the work and deposited in place by a steam travelling crane.

At several places along this wall, where the foundation was somewhat soft, the base of the wall was reinforced with old permanent way rails.

A new ramp and roadway, 20 feet wide, has been constructed at this place to form an easy access between the high and the low level wharfs.

Iron handrailings have been erected along the top of the walls.

Paving.—The whole of the low level Market basin wharf extending from in front of the Victor subway to the Berri street subway has been graded, concrete foundations laid and paved with granite blocks for a total area of 6,443 square yards.

ITEM NO. C 5.—DOMINION COAL TOWERS, HOCHELAGA.

Filling.—A considerable quantity of additional filling was deposited between the new quay wall constructed last season and the old shore wharf. This filling was graded and 560 lineal yards of permanent tracks laid for sidings.

ITEM NO. 16—DRY DOCK BASIN.

Excavation and Dredging.—Dredging on the site of the entrance channel of the dry dock and the basin itself, was commenced on May 3. Night work with the Harbour Commissioners dredges and derricks was commenced on the 9th May and work proceeded continuously night and day until the 4th December. During this period the total amount of material dredged was 1,453,492 cubic yards, completing about 60 per cent of the whole amount of dredging in connection with the dry dock.

Nearly five acres of land has been reclaimed from the river and completed to grade at cope level, while fully 12 acres has been reclaimed to above water line, making the total area of reclaimed land nearly 17 acres.

Quay Wall of Dry Dock Cribwork.—Four timber cribs having double face timbers and each 200 feet long by 45 feet wide at the base have been completed, sunk and filled to a level of 33 feet below low water, and the fifth crib 100 feet long has been nearly completed.

Reinforced Concrete Blocks.—Reinforced concrete blocks have been placed and secured on top of the cribwork for a length of 760 feet, all as already described.

Concrete Superstructure.—The concrete superstructure of the quay wall was commenced on October 17 and stopped for the season on November 3. 280 feet 6 inches of the wall has been constructed to a height of 13 feet above low water, 161 feet to 8 feet 6 inches above low water, 80 feet to 5 feet 9 inches above low water and 240 feet to 4 feet above low water.

The concrete for this work was made for the most part with the large floating rock crushing and concrete mixing machine, and a small part with the mixing plant erected on a scow, as already described, and used for the marine tower jetty.

Manoeuvering Attachments.—Special manoeuvering attachments for the floating dock have beeen manufactured and placed in position in the wall, with long anchor tie-rods embedded in large concrete blocks, 50 feet from the face of the wall.

Dredging Plant.—The dredging plant at the dry dock consisted of dredges Nos. 1, 10 and 11 of the Marine and Fisheries Department, the dredge *International* hired from the Public Works Department, and for the most of the season two H.C.M. dredges.

The material was conveyed in dump and flat scows to three floating derricks and two land cranes by which it was deposited to form the reclaimed land on which the machine shops and shipbuilding plant are to be erected.

Railway Siding.—A railway siding 400 yards in length has been laid from the main line track at section 52 over the newly graded embankment in an easterly direction towards the new quay wall.

DREDGING AND FILLING IN GENERAL.

ITEM NO. 14.

Diversion of Guard Pier.—Dredging for diversion of the guard pier was recommenced on May 15 and the material deposited further out into the river along the line of the centre of the new pier, so as to divert the current and extend the area of still water in the upper harbour. The material up to low water level was for the most part deposited by dump scows, while the embankment above water level was formed by a floating derrick. The length of pier diversion, partially constructed during the season, is 1,500 feet.

Dredging Channel South of St. Helen's Island.—The dredge *Premier* commenced work dredging the channel between the south shore and St. Helen's island on July 5 and continued working during the day until November 11.

The material dredged, for the most part was, rough gravel and small boulders and was conveyed in dump scows to the diversion of guard pier.

On August 31, one H.C.M. spoon dredge also started work on the south shore channel and continued there working day and night until November 30.

Altogether 157,145 cubic yards were dredged for the formation of this channel.

Dredging the Upper Harbour and Rock Drilling and Blasting.—A considerable quantity of rock was drilled, blasted and dredged in the upper harbour for the combined purpose of obtaining rock filling for the new wharf work and at the same time deepening the upper harbour. The part operated on was at sections 14, 15 and 16 and the material consisted of hard shale and trap rock. The blasting was done from the drill boat which commenced work on May 18 and continued until November 14.

The number of holes drilled and blasted was 2,556, the average depth of the holes being about 10·96 feet. The total quantity of rock drilled and blasted to a depth of 36·06 feet below low water was 44,868 cubic yards measured in situ. The quantity of dynamite used was 17,678 lbs.

ITEM A1.

St. Helen's Island Ferry Wharf.—A new ferry wharf has been constructed at St. Helen's island for the ferry boat traffic between Victoria pier and the island.

Work was commenced on May 15 and the wharf, although barely completed, was taken into use by the ferry company for traffic on August 5.

The wharf, which has a depth in front of 10 feet at low water, is 265 feet in length and 75 feet wide. It is connected with the shore by a roadway also 75 feet wide. The substructure consists of timber cribwork of the standard design with a concrete superstructure with four slipways. The upstream corner of the pier has been specially constructed and heavily reinforced with old permanent way rails to withstand the ice shoves.

The concrete was mixed and deposited in place by the floating rock crushing and concrete mixing plant while the filling was deposited by a floating derrick.

Owing to the extreme low water in the river during the latter part of the summer, there was not sufficient depth to permit of the H.C.M. tugs crossing to the island and the filling was therefore barely completed, but a few days in the spring when water is high will be sufficient to complete the small quantity of filling still required.

ITEM NO. A6.

New Ferry Wharf at Racine Pier.—A new wharf has been constructed immediately below Racine pier for ferry-boat traffic to King Edward park. This wharf is 400 feet long and consists of timber piling provided with the necessary slipways for the convenience of passengers and vehicles and backed by an earthwork embankment 170 feet wide.

The piling has been entirely completed and braced. About $\frac{7}{8}$ of the filling has been deposited and the whole work practically completed with the exception of the timberdecking of the wharf.

Widening the Channel in St. Mary's Current.—On September 11 Marine and Fisheries dredge *No. 1* was taken from the dry dock site and started work in the St. Mary's current where she continued at work until November 22.

The area dredged extends for a length of 1,800 feet by about 300 feet, or a total of 57,401 cubic yards scow measurement.

Removal of Wrecks in the Channel.—On October 12, 1910, a sand barge was wrecked in the St. Mary's current and ice formed in the river before it could be removed.

During winter it was decided to blast the wreck, which was successfully done during the last week of February. In the spring the channel was swept and the blasted pieces of the barge removed.

The old *No. 1 H. C. M.* dredge which was wrecked on September 29, 1905, and which has been lying on the bottom of the river at section 11, was also blasted during the winter and broken up; a considerable part, however, remained, which, after examination by a diver who at the same time made fast to the wreckage with chains, was ultimately lifted by a dredge.

Removal of City Sewage from Elgin Basin.—On November 26, the harbour plant commenced dredging the sewage deposited from the mouth of the Elgin Basin sewer at section 15. The material dredged was towed outside the guard pier and dumped into the swift current.

The Taking of the Ice.—Winter 1910-1911.—On December 5, with a temperature of 12 above zero, the plant was laid up as ice had begun forming on the river and the water was gradually rising.

On December 7, the Longueuil ferry boat left for winter quarters. By December 16 the ice was forming up and on the 17th it had filled up in the river as far as the back of the machine shop. On the 18th a small ice shove occurred and on the 19th the river was open again down to near the Tarte pier. By the 21st the ice had filled up to the

Dominion coal wharf, and by the 24th it had again filled up as far as the back of the machine shop, and by the 31st it had settled and on that date foot passengers were crossing the river from Longueuil, and by January 3, 1911, the road over the ice to Longueuil was commenced.

A large hole remained open the whole winter from about opposite the back of the machine shop down to the Longueuil ferry wharf.

Breaking up of the Ice.—The first ice shove of the season occurred on April 11, starting from about the 9th and 10th piers of the Victoria bridge, city side. Little change occurred, however, until the night of the 13th when a movement took place above the bridge.

On the morning of the 15th the ice below the bridge on the St. Lambert side had moved down to St. Helen's island, but no other movement had taken place below and foot passengers were continuing to cross to Longueuil. About midday, however, the ice commenced to move from the bridge and piled to a height of about 30 or 40 feet on Moffatt's island. Later in the day the road to Longueuill was broken and the ice shoved down to Laurier pier.

On April 17 the M. and F. tug *Champlain*, which had been moored at the Alexandra pier was put under steam and moved up to Windmill point.

On the 20th a shove occurred below Longue Pointe, but there was still practically no movement at Maisonneuve.

On the night of the 21st there was quite a shove in the upper harbour, and the river was open in the channel down as far as the Tarte pier.

On the 23rd the Longueuil and Boucherville ferry boats left their winter quarters and came up by the south shore to the Tarte pier.

The ice breaker *Lady Grey* arrived in the harbour from Quebec on the 25th and the channel was reported practically clear.

The M. and F. tug *Shamrock* placing the buoys reached the upper harbour on the 27th and the first steamer arrived on April 29.

A schedule of the measurement of work done during 1911 is appended hereto.

A. D. SWAN,
Resident Engineer.

SCHEDULE OF MEASUREMENT OF WORK EXECUTED, 1911.

ITEM No. 2.—PART 1.

ELEVATOR NO. 2

Item No.	Description.	Quantity.
1.—*Marine Tower Jetty.*		
	Dredging	12,300 cu. yds.
Job 6	Cribs	674,362 cu. ft.
Job 7	Quay Wall	
a	Concrete	2,763 cu. yds.
c	Reinforced concrete in tower	3,600 cu ft.
d	Reinforcement of rails	2,240 lin. ft.
Job 8	Anchor blocks, concrete	10 cu. yds.
	Tie rods 40 ft. long	8 number.
2.—*New Quay Wall in front of Elevator.*		
Job 10a	Excavation	6,060 cu. yds.
	Cutting heads of piles	393 lin. ft.
	12' x 16' timber waling	524 cu. ft.
b	Concrete	3,770 cu. yds.
d	Anchor blocks, concrete	28 cu. yds.
	Tie rods 22 ft. long	9 number.
	Tie rods 50 ft. long	2 number.
	Tie rods 60 ft. long	2 number.
e	Reinforcement of rails	520 lin. yds.
f	Track	500 lin. yds.
g	Pipe track at end of Elevator No. 2	30 lin. yds.
	" " excavation	150 cu. yds.
h	Piling	1,000 cu. yds.
i	Drain	3 lin. yds.

ITEM No. 3.

HIGH LEVEL RAILWAY TRACKS.

Job 2	Track diverted	200 lin. yds.
	Track ballasted and raised	333 lin.yds.
	Track lifted	1,433 lin. yds
	Track removed	666 lin. yds
Job 4	Drains, 12 inch	140 lin. yds.
	Drains 36 inch	18 lin. yds.
Job 5	Temporary retaining wall	
a	Taken down	186 cu. yds.
b	Taken down and rebuilt	2,922 cu. yds.
c	Built	300 cu. yds.
Job 6	Embanking	
a	By H. C. M	61,785 cu. yds.
b	By C. P. R	33,673 cu. yds.
c	By city contractors	13,663 cu. yds.
Job 7	Victor St. subway.—	
a	Excavation, abutments	341 cu. yds.
b	Concrete	445 cu. yds.
e	Drains, 12 inch laid	13 lin. yds.
	Drains 6 inch laid	20 lin. yds.
	Drains, 12 inch lifted and relaid	22 lin. yds.
	Cesspools and gratings	2 number.
f	Railing, chain gate	1 number.
i	Roadway—	
	Excavation	625 cu. yds.
	Concrete bottoming	478 sq. yds
	Paving with granite blocks	450 sq. yds.
	Water channels	28 sq. yds.
j	Sidewalk	
	Stone bottoming	73 sq. yds.
	Cement sidewalk	73 sq. yds.
	Kerb	37 lin. yds.
Job 9	Berri St. Subway.	
a	Excavation, abutments	584 cu. yds.
b	Concrete abutments	848 cu. yds.
d	Drains, 12 inch laid	20 lin. yds.
	Drains, 6 inch laid	40 lin. yds.
	Drains, 12 inch lifted and relaid	10 lin. yds.
	Cesspools and gratings	3 number.

SCHEDULE OF MEASUREMENT OF WORK EXECUTED, 1911—*Continued.*

Item No. 3.	Description.	Quantity.
	Filling up and making good old Lacroix St. sewer.	
e	Railing chain gate	1 number
g	Roadway—	
	Excavation	225 cu. yds.
	Concrete bottoming	482 sq. yds.
	Paving with granite blocks	442 sq. yds.
	Water channels	40 sq. yds.
h	Sidewalk—	
	Stone bottoming	48 sq. yds.
	Cement sidewalk	48 sq. yds.
	Kerb	27 lin. yds.

ITEM No. 4.

NEW VICTORIA PIER AND MARKET BASIN.

Item No.	Description.	Quantity.
New Victoria Pier.		
Job 2	Dredging	7,787 cu. yds.
Job 3	Cribs	1,250,000 cu. ft.
Job 4	Concrete quay wall	3,775 cu. yds.
Job 5	Filling—	
a	By city contractors	77,739 cu. yds.
b	By derrick	36,868 cu. yds.
Job 9	Buttresses, concrete	270 cu. yds.
	Buttresses, reinforcement of rails	312 lin. ft.
Job 12	Anchor blocks, No. 9	63 cu. yds.
	Excavation for same	163 cu. yds.
Job 14	Reinforced concrete blocks, No. 7	890 cu. ft.
Job 17	Track	160 lin. yds.
Market Basin.		
Job 1	Dredging	3,437 cu. yds.
Job 2	Cribs	2,287,400 cu. ft.
Job 3	Quay wall, concrete	5,009 cu. yds.
	Junction of new quay wall with old concrete wall—	
	Piling	400 cu. ft.
	Reinforcement of rails	120 lin. ft.
	Bagwork	100 cu. ft.
Job 4	Filling—	
a	By city contractors	60,369 cu. yds.
b	By derrick	146,127 cu. yds
Job 5	Drains	15 lin. yds.
Job 6	Slips—	
a	Paving with scoria blocks	1,017 sq. yds.
b	Reinforcement of rails	1,515 lin. ft.
Job 7	Planking wharf and Slips	7,298 sq.ft.
Job 8	Reinforced concrete blocks, No. 46	5,387 cu. ft.
Job 9	Retaining wall, Victor to Berri.	
a	Excavation	1,320 cu. yds.
b	Concrete	1,437 cu. yds.
d	Railing	670 lin. ft.
e	12 in. drain alongside on high level	100 lin. yds.
	Excavation for same	125 cu. yds.
	Excavation for side drains	27 cu. yds.
	Cesspools	2 number.
Job 10	Retaining Walls—	
	(East) Excavation	640 cu. yds.
	" Concrete	1,276 cu. yds.
	" Reinforcement of rails	193 lin. yds.
	(West) Excavation	200 cu. yds.
	" Removal of embankment	200 cu. yds.
	" Concrete	782 cu. yds.
	" Reinforcement of rails	440 lin. yds.
d	Railing	586 lin. ft.
Job 11	Anchor blocks, concrete	231 cu. yds.
	Excavation	155 cu. yds.
	Tie rods 60 ft. long	34 number.
	Tie rods 87 ft. long	3 number.

SCHEDULE OF MEASUREMENT OF WORK EXECUTED, 1911—*Continued.*

Item No. 4.	Description	Quantity.
Job 15	Paving Wharf—	
a	Excavation	3,519 cu. yds.
b	Concrete bottoming	6,443 sq. yds.
c	Paving with granite blocks	6,443 s ơ. yds.

Item No.	Description	Quantity.
Job 16	Cement sidewalk	235 sq. yds.
	Stone bottoming	235 sq. yds.
	Kerb	239 lin. yds.
	9 inch drains	15 lin. yds.
	Cesspools	1 number.
	Foundation for shed 16 on Victoria Pier, concrete	555 cu. yds.

ITEM No. 16.

DRY DOCK BASIN.

Job 1	Dredging by H. C. M. dredges	714,142 cu. yds.
	Dredging by P. W. D. dredges	103,900 cu. yds.
	Dredging by M. & F. dredges	635,450 cu. yds.
Job 3	Grading	31,000 sq. yds.
Job 4	Cribs	953,600 cu. ft.
Job 5	Quay wall, concrete	4,262 cu. yds.
Job 6	Anchor blocks, concrete	76 cu. yds.
	Tie rods 60 ft. long	10 number.
Job 7	Reinforced concrete blocks No. 38	4,830 cu. ft.
Job 8	Track	427 lin. yds.
	Test Pit excavation	10 cu. yds.
	" concrete block	2¼ cu. yds.
	Manoeuvring shackles	2 number.

ITEM No. 14

DREDGING & FILLING IN GENERAL.

3.—*Diversion of Guard Pier.*		
Job 1	Dredging	231,915 cu. yds.
Job 2	Embanking	170,727 cu. yds.
4.—*Dredging South Shore Channel*		139,545 cu. yds.
5.—*Dredging in General*		118,711 cu. yds.

ITEM A.

1.—*St. Helens' Island Ferry Wharf.*		
Job 1	Dredging by derrick	150 cu. yds.
Job 2	Cribs	69,120 cu. ft.
Job 3	Quay wall, concrete	1,009 cu. yds.
	Quay Wall, reinforcement rails	300 lin. ft.
Job 4	Anchor blocks concrete	35 cu. yds.
Job 5	Filling by derrick	27,188 cu. yds.
6.—*New Ferry Wharf at Racine Pier.*		
	Piling	13,000 cu. ft.
	Filling	40,000 cu. ft.

ITEM C.

4.	Track laid on Bickerdike Pier or the Nova Scotia Steel and Coal Co	296 lin. yds.

SCHEDULE OF MEASUREMENT OF WORK EXECUTED, 1911—*Concluded.*

5.—Dominion Coal Towers.

Track laid	560 lin. yds.
Filling	2,850 cu. yds.
4. Track laid on Laurier Pier	30 lin. yds.
4. Track laid on Tarte Pier	340 lin. yds.
Connection with Canadian Northern Railway at Molson's Creek	93 lin. yds.
Siding at Racine Pier for the Locomotive Works (Both included in High Level Railway).	130 lin. yds.
Road on Tarte Pier, grading and macadamizing	2,833 sq. yds.
Dredging Ship Channel in Harbour (by M. & F. dredge)	57,401 cu. yds.

HARBOUR DREDGING.

STATEMENT showing the number of days worked by each dredge and the quantity dredged at each place in the Harbour of Montreal in 1911.

Number or Dredge.	Places at which Dredging was done.	Time of Service.		Quantities Dredged.		Character of Material Dredged.
		Days.	Total.	Cubic Yards.	Total Yards.	
Spoon Dredge John Kennedy (No. 2)	Sec. 19 Marine Tower Jetty	11		11,400		Sand, clay and silt.
	Sec. 19 Victoria Pier	14		7,637		Sand, silt and loose rock.
	Sec. 20-23 Market Basin	61½		35,822		Sand and stones, some loose rock.
	Sec. 57 Dry Dock Basin	2		800		Gravel, silt and clay, some loose rock.
	Sec. 19-20 Guard Pier	68½		66,625		Silt and stones, some loose rock.
	South Channel	125		66,470		Hard pan, stones and boulders.
	General dredging to obtain filling	35		34,310		Blasted rock, some mud.
			317		223,064	
Spoon Dredge No. 4	Sec. 19 Marine Tower Jetty	3½		900		Sand, clay and silt.
	Sec. 19 Victoria Pier	½		150		Loose rock.
	Sec. 57 Dry Dock Basin	49		93,550		Gravel, silt, clay, some hard pan.
	Sec. 19-20 Guard Pier	117		165,290		Silt and stones, some loose rock.
	South Channel	30		26,300		Hard pan, stones and boulders.
	General dredging to obtain filling	119		84,401		Blasted rock, some mud.
			319		370,591	
Spoon Dredge No. 5	Sec. 20-23 Market Basin	1		675		Sand and stones, some loose rock.
	Sec. 57 Dry Dock Basin	338		619,792		Gravel, silt, clay, some hard pan.
			339		620,467	
Dredge Premier	South Channel	108		46,775		Gravel, silt, hard pan, some rock.
			108		46,775	
			1,083		1,260,897	
Dredge International (Chartered)	Sec. 57 Dry Dock		89		103,900	Gravel, silt, clay, some hard pan.
Grand Total			1,172		1,364,797	

GEORGE SMART,
Accountant.

HARBOUR OF MONTREAL.

21—19½

STATEMENT showing the number of days worked and the quantity dredged at each place in the Harbour of Montreal in 1911
(The quantities are cubic yards, scow measurement, and the cost includes everything except derrick work.)

Places where Dredges Worked	Vessels.	Time of Service. Days.	Time of Service. Total. Days.	Quantity Dredged. Cubic Yards.	Quantity Dredged. Total Yards.	Cost per Cubic Yd. Each Drdg Cents.	Cost per Cubic Yd. Average Cents.	Total. Cost.	Grand Total.	Remarks.
								$ c.	$ c.	
MarineTower Jetty, Sec. 19	Dredge John Kennedy	11		11,400		15·48		1,765 50		
	" No. 4	3½		900		65·70		591 29		
			14½		12,300		20·11		2,356 79	
New Victoria Pier, Sec. 19	" John Kennedy	14		7,637		29·42		2,247 00		
	" No. 4	½		150		56·31		84 47		
			14½		7,787		31·76		2,331 47	
Market Basin, Sec. 20-23	" John Kennedy	61½		35,822		27·55		9,870 75		
	" No. 5	1		675		26·00		175 48		
			62½		36,497		29·21		10,046 23	
Dry Dock Basin, Sec. 57	" John Kennedy	2		800		40·12		321 00		
	" No. 4	49		93,550		8·89		8,278 06		
	" No. 5	338		619,792		9·57		59,312 74		
			389		714,142		9·29		67,911 80	
Guard Pier, Sec. 19-20	" John Kennedy	68½		66,625		16·50		10,994 25		
	" No. 4	117		165,290		11·96		19,766 24		
			185½		231,915		13·61		30,760 49	
South Channel	" John Kennedy	125		66,470		30·18		20,063 00		
	" No. 4	30		26,300		19·27		5,068 20		
	" Premier	108		46,775		43·82		20,497 39		
			263		139,545		32·15		45,628 59	
Gen'l Dredging to obtain filling	" John Kennedy	35		34,310		16·37		5,617 50		
	" No. 4	119		84,401		23·82		20,104 36		
			154		118,711		22·13		25,721 86	
			1083		1,260,897		14·65		184,757 23	
Dry Dock Basin, Sec. 57	" International		89		103,900		20·14		20,929 57	
Grand Total			1,172		1,364,797		15·07		205,686 80	

For Character of Material Dredged see Accompanying Table.

GEORGE SMART,
Accountant.

HARBOUR DREDGING.

Cost of Harbour Dredging Fleet in 1911 (including all charges for tow scow and derrick service—credits for work outside of regular service not included.

Name of Dredge.	Days Service of Derdge.	Cost of Dredges.		Cost of Tugs.		Cost of Scows, c.		Cost of Dredge, including Scow and Tug Service.	
		Per day of Dredge.	Total.	Per day of Dredge.	Total.	Per day of Dredge.	Total.	Per day.	Total.
		$ c.	$ c.	$ c.	$	$ c.	$ c.	$ c.	$ c.
Dredge John Kennedy	317	56 02	17,757 52	70 16	22,241 02	34 32	10,880 96	160 50	50,879 50
" No. 4	319	64 46	20,562 25	70 16	22,381 34	34 32	10,949 61	168 94	53,893 20
" No. 5	339	71 00	24,067 60	70 16	23,783 54	34 32	11,636 08	175 48	59,487 22
" Premier	108	85 30	9,212 70	70 16	7,577 48	34 32	3,707 13	189 70	20,497 31
Harbour Dredges	1,083	66 11	71,600 07	70 16	75,983 38	34 32	37,173 78	170 60	184,757 23
Dredge International	89	165 00	14,685 00	70 16	6,244 57	34 32	.....	235 16	20,929 57
Totals and Averages	1,172	.....	86,285 07	.....	82,227 95	.....	37,173 78	.....	205,686 80

Floating Derricks employed in handling material dredged	66,151 84
Cost of Dredging Fleet proper	271,838 64
Drilling and Blasting Boats employed at rock blasting	14,860 13
Total Cost, including Drilling and Blasting Boats	286,693 77

GEORGE SMART,
Accountant.

HARBOUR DREDGING.

STATEMENT showing cost of Harbour Commissioners' Dredging by different Dredges with their proportion of Scow and Tug Service for 1911.

Vessels.	Dredge Service	Tug Service.	Scow Service and Sundries.	Dredge with Tug and Scow Service.	Time of Service.	Cost per working day of Dredge.	Quantity Dredged.	Average Cost per Cubic Yard.	Additional Cost for unloading by Derrick	Proportion of Materials Dredged.	
	Cost.	Proportion Cost.	Proportion of Cost.	Cost.	Days.		Cubic Yards.			Earth.	Rock.
	$ cts.	$ cts.	$ cts.	$ cts.		$ cts.		Cts.	Cts.		
Dredge John Kennedy	17,757 52	22,241 02	10,880 96	50,879 50	317	160 50	223,064	22·81	05·197	85%	15%
" No. 4	20,562 25	22,381 34	10,949 61	53,893 20	319	168 94	370,591	14·54	05·197	97½%	2½%
" No. 5	24,067 60	23,783 54	11,636 08	59,487 22	339	175 48	620,467	9·59	05·197	100%	
" Premier	9,212 70	7,577 48	3,707 13	20,497 31	108	189 78	46,775	43·82	05·197	98%	2%
Harbour Dredges..... Totals and Averages..	71,600 07	75,983 38	37,173 78	184,757 23	1,083	170 60	1,260,897	14·65	05·197	96%	4%
Dredge International (Chartered).....	14,685 00	6,244 57	.....	20,929 57	89	235 16	103,900	20·14	05·197	100%	
	86,285 07	82,227 95	37,173 78	205,686 80	1,172	.....	1,364,797	15·07	05·197	96½%	3½%

GEORGE SMART,
Accountant.

HARBOUR DREDGING.

STATEMENT showing particulars of Cost of Working the different Vessels employed in Harbour Dredging in 1911.

Vessels.	Repairs and Maintenance.	Fuel.	Wages of Crews.	Proportion of Salaries of Staff.	Cost.	Less Credits.	Net Cost.	Total Cost.	Days of Service.	Cost per Day.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.		$ cts.
Dredge John Kennedy	7,994 18	3,183 75	9,841 15	535 94	21,555 02	3,797 50	17,757 52	.....	317	56 02
" No. 4	7,820 55	3,135 00	10,168 09	538 61	21,662 25	1,100 00	20,562 25	.....	319	64 45
" No. 5	9,601 37	3,548 35	10,330 00	587 88	24,067 60	.....	24,067 60	.....	339	70 99
" Premier	5,023 69	588 75	3,296 56	303 70	9,212 70	.....	9,212 70	.....	108	85 30
Dredges—Total	30,439 79	10,455 85	33,635 80	1,966 13	76,497 57	4,897 50	.....	71,600 07	1083	66 11
Floating Derrick No. 1	2,804 31	1,810 80	7,622 55	406 03	12,643 69	2,230 00	10,413 69	.....	307¾	41 08
" No. 3	11,066 28	1,927 50	7,138 15	675 90	20,807 83	240 00	20,567 83	.....	339	61 38
" No. 4	1,770 64	1,930 50	7,579 77	373 40	11,654 31	450 00	11,204 31	.....	363¾	32 03
" No. 5	2,782 51	1,816 00	7,180 74	390 38	12,169 63	960 00	11,209 63	.....	338½	35 95
" No. 6	3,042 61	2,130 00	7,522 07	421 70	13,116 38	360 00	12,757 38	.....	347	37 80
Floating Derricks—Total	21,466 35	9,614 80	37,043 28	2,267 41	70,391 84	4,240 00	.....	66,151 84	696	41 50
Tug Alphonse Racine	1,487 48	3,495 00	5,383 92	353 31	10,719 71	360 00	10,359 71	.....	360	29 77
" Robert Mackay	5,740 02	4,046 25	5,984 60	537 65	16,308 52	86 00	16,222 52	.....	387	42 14
" Aberdeen	1,159 79	3,583 75	5,863 18	361 59	10,968 31	.....	10,968 31	.....	386	28 41
" St. Peter	2,575 96	2,568 25	4,101 06	315 15	9,560 42	6,280 21	3,280 21	.....	198	48 28
" Courier	344 21	376 50	1,396 73	72 08	2,189 52	2,189 52	.....	.....	179	12 23
" No. 1	2,184 71	1,807 50	4,492 04	289 20	8,773 45	.....	8,773 45	.....	343	25 58
" Beaver	4,323 90	1,337 23	2,449 53	276 42	8,387 08	.....	8,387 08	.....	170	49 33
" J. Young	2,015 24	2,987 30	4,545 34	325 41	9,873 29	68 00	9,805 29	.....	297	33 24
" Sir Hugh Allan	5,170 16	2,373 75	7,337 77	542 26	15,423 94	992 56	14,431 38	.....	209	73 80
Tugs—Total	25,001 47	22,575 53	41,554 17	3,073 07	92,204 24	9,976 29	.....	82,227 95	2,529	36 45
Scows and Sundry Plant	38,120 86	30 00	1,919 52	954 07	41,024 45	3,850 67	.....	37,173 78	.....	.....
Drilling and Blasting Boats	6,240 94	1,230 00	7,125 18	264 01	14,860 13	.....	.....	14,860 13	171	86 90
	121,269 41	43,906 18	121,277 95	8,524 69	294 978 23	22,964 46	.....	272,013 77	.....	.....

Dredge International (Chartered)	.....	.....	.....	.....	.....	.....	14,685 00	89	165 00
							286,698 77		

GEORGE SMART,
Accountant.

HARBOUR DREDGING.

COMPARATIVE cost from 1876 to 1911, inclusive (the quantities are scow measurement, and the cost includes handling by floating derricks).

Years.	Cubic Yards Dredged	Total Cost	Cost per Cubic Yd.	Kind of Dredges Employed.
		Dollars.	Cents.	
1876	156,082	55,462	35·5	
1877	173,499	45,103	26...	
1878	211,731	48,748	23...	
1879	189,609	41,006	21·63	
1880	186,430	46,914	25·16	
1881	170,764	54,128	31·69	
1882	187,339	53,598	28·1	Spoon dredges and stone-lifters.
	9,429	13,254	1.40·6	Elevator dredges.
	196,768	66,852	33·1	Totals and average.
1883	36,358	17,956	49·38	Spoon dredges and stone-lifters.
	6,990	19,385	2.77·3	Elevator dredges—lifting rock and boulder and clearing up.
	43,348	37,341	86·14	Totals and average.
1884	125,648	49,468	39.06	Spoon dredges and stone-lifter.
1885	69,494	28,563	41·1	" "
1886	57,728	25,772	44. .	" "
1887	36,993	23,259	62. .	" "
* 1888	73,150	36,690	50·16	" "
	2,077	1,333	64·18	Elevator dredges.
	75,227	38,023	50·54	Totals and average.
1889	205,283	54,574	26·58	Spoon dredges and stone-lifters.
	9,420	2,996	31·8	Elevator dredge.
	214,703	57,570	26...	Totals and average.
1890	236,670	53,674	28·6	Spoon dredges and stone-lifters.
1891	259,267	49,571	19·12	Spoon dredges.
	43,290	14,232	32·87	Elevator dredges.
	302,557	63,803	21·08	Totals and average.
1892	361,947	93,595	25·58	Spoon dredges.
1893	235,280	93,050	39·55	"
1894	312,430	98,858	31·64	"
1895	496,528	99,400	20·02	"
1896	401,938	103,317	25·7	"
1897	284,844	68,211	23·95	"
1898	456,458	61,012	13·37	"
1899	963,131	100,163	10·77	"
1900	1,323,871	163,541	12·25	"
1901	1,359,221	190,242	14	"
1902	1,179,726	217,986	18·48	"
† 1903	854,510	226,736	26·53	"
1904	810,723	247,914	30·58	"
1905	324,187	141,059	43·51	"
1906	246,525	113,749	45·94	"
1907	257,321	112,611	43·76	"
1908	186,873	106,115	51·40	"
1909	233,535	92,294	39·52	"
1910	794,994	168,218	21·17	
1911	1,364,797	271,839	19·92	Spoon dredges and 1 elevator do.

*Interest and depreciation are not included in cost as given here.
†Includes depreciation and every expense except interest.

GEORGE SMART,
Accountant.

SESSIONAL PAPER No. 21

EXPENDITURE ON CAPITAL ACCOUNT.

STATEMENT showing Expenditure by the Engineering Department for the year ended December 31, 1911.

EXPENDITURE ON CAPITAL ACCOUNT.

Harbour Extensions:—		
Item No. 2, Part 1.—Marine Tower Jetty Quay Wall.—		
Removal of cribwork, &c.	$116,535.36	
Part 2.—Elevator Construction.—		
J. S. Metcalf Coy's. contract	846,617.10	
Item No. 3.—Improvement and Extension of Tracks.—		$963,152 46
Embanking, subways, bridges, &c.		187,640.22
Item No. 4.—New Victoria Pier and Market Basin.—		
Excavation, quay walls, filling, grading, &c.		326,057 66
Item No. 14.—Dredging and Filling in General.—		
Dredging South Channel, altering lower end of guard pier, Dredging and blasting inside of guard pier to obtain Filling		125,129.11
Item No. 16.—Dry Dock Basin and Wharfs.—		
Dredging basin	$ 91,915.13	
Filling reclaimed area	59,948 99	
Permanent quay walls	107,205.23	
		259,069.35
Item E.—Permanent Sheds on Tarte Pier.—		
Shed construction	89,283,72	
Drains and water service	3,103.84	
		92,387 56
Item No. 5.—Permanent Sheds on High Level Victoria Pier.—		
Piling foundations	$ 15,764 21	
Concrete walls and piers	14,213.04	
Steel superstructure	39,229 14	
		69,206 39
Item A.—General Improvements and Plant.—		
St. Helen's Island Ferry Wharf	$ 23,118.51	
Wharf office building	32,128.66	
Inspection Tug, Sir H. Allan	120,998.26	
Dredge No. 6 under construction	52,152.94	
Racine Pier, pile wharf	14,677.80	
		243,076.17
Item B.—Terminal Facilities, &c.—		
New harbour yard and engine house	$ 44,219.42	
Electric Hoist, King Edward Pier	22,177.44	
McGill Street Flood Gate (Bal.)	265.90	
		66,662.76
Item C.—General Harbour Improvements.— (In progress before 1910).		
Windmill Point wharf, filling	$ 1,922.91	
Windmill Point wharf, culvert	2,553.65	
Harbour Railways, sidings, &c.	16,248.82	
Dominion Coal wharf, Hochelaga	1,252.96	
Elevator No. 1, Marine Tower	99.27	
Steel Sheds—Wiring Shed No. 11	925.76	
Harbour boundaries	70.00	
	$	23,073,37
Gilbert dredging plant		45,000,00
Total expenditure on Capital Account		2,400,455.05

EXPENDITURE ON MAINTENANCE ACCOUNT.

Harbour repairs and maintenance	$ 45,166.49	
Grain Elevator No. 1—maintenance and repairs	49,022.84	
Floating Elevators—maintenance and repairs	20,651.57	
Railway Maintenance and Traffic Dept.	16,311.13	
Harbour lighting	9,385.45	
Floating Crane, operation and repairs	4,341.11	
Sunken Dredge No. 1 (raising)	3,314.30	
Steel Sheds, maintenance and repairs	5,934.54	
Harbour surveys and borings	2,024.60	
Harbour expenses	583.79	
Fire Tug Service (Tug St. Peter)	1,500.00	
Transporters, maintenance	87.40	
Buoys and Beacons	255.67	
Electric Hoist, King Edward Pier (operation)	625.65	
Electric Hoist, Sheds Nos. 11 & 12	1,191.09	
Victoria Pier Footbridge, alterations	370.13	
Total expenditure on Maintenance Account, &c.		$ 160,765.76
Grand Total Expenditure by Engineering Department in 1911		$2,561,220.81

GEORGE SMART, *Accountant.*

LIST OF HARBOUR COMMISSIONERS' DREDGING PLANT, 1912.

Description of Vessel.	Hull.				Engines.					Capacity of Bucket.	Depth to which Dredge can work.	Remarks.
	Length.	Breadth.	Depth.	When Built.	Kind of Engi'e	No. of Cylinders.	Dia. of Cylinders.	Length of Stroke.	Pressure of Steam.			
Dredges.	Ft. In. over all.	Ft. In. Beam.	Ft. In. over all.				Inches.	Inches.	Lbs.	C yds.		
Boom Spoon Dredge John Kennedy	90 0	36 0	10 3	1892	Horizontal noncondensing	2	16	18	128	7	40	Wooden hull.
" " " No. 4	90 0	36 0	10 9	1900		2	16	18	140	7	40	Steel hull.
" " " No. 5	104 0	36 0	10 9	1910		2	16	18	140	7	40	"
Elevator Dredge Premier	86 0	31 5	9 2	1905	Horizontal high pressure	2	14	15				Wooden hull.
Derricks.												
Clam Shell Derrick No. 1	76 0	27 6	8 0	1899	Horizontal non-condensing	2	12	14	110			"
" " " 3	76 0	27 6	8 0	1900		2	12	14	110			"
" " " 4	75 0	26 10	7 6	1892		2	12	14	110			"
" " " 5	75 0	26 10	7 6	1892		2	12	14	110			"
" " " 6	75 0	26 10	7 6	1892		2	12	14	110			
Drilling and Blasting Boat	80 0	27 0	5 6	1895					100			Three 5-in. steam drills.
Drill Boat F. G No. 1	60 0	20 0	5 0	1909					80			Two 5-in. steam drills.
Tug Boats.			Hold.									
Tug St. Peter	74 8	16 1	8 6	1875	Vertical noncondensing	1	20	22	125			Wooden hull (rebuilt 1903)
" Courier	36 9	9 3	6 2	1900		1	10	12	125			Composite hull.
" Aberdeen	79 3	18 3	9 0	1895	Vertical condensing	1	16	24	120			Steel hull.
						1	32					
" Robt. Mackay	81 9	17 6	10 0	1899		1	16	24	125			"
						1	32					
" Alphonse Racine	90 0	18 6	12 1	1905		1	16	24	150			"
						1	32					
" No. 1	90 0	26 0	6 0	1893 Rebuilt	Horizontal noncondensing	1	15	20	100			(Iron, sheathed with elm; formerly floating elevator No. 1.
" Sir Hugh Allan	130 0	26 6	15 0	1911	Vertical triple exp'nsn condensing	3	16 25 40	24	180			Steel hull, twin screws.

Tug Hon. John Young	91 8	22 0	9 0	1911	Vertical compound condensing	2	12 / 24	18	140			" "
" Beaver	64 3	15 3	7 3	1892	Vertical high pressure	1	18	20	115			Wooden hull.
			Over all									
Testing Boat	73 3 / 73 3	14 0 / 14 0	3 1 / 3 1	1897								Two wooden scows. braced 16 ft. apart.
Scows.					Capacity.							
1 Flat deck Scow No. 17	75 0	20 2	6 0	1876	67½ cubic yds							All wood.
1 " " No. 18	75 4	20 4	6 3	1876	67½ "							"
1 " " No. 19	75 6	20 3	6 5	1878	67½ "							"
1 " " No. 20	75 6	20 3	6 3	1878	67½ "							"
2 " " Nos. 21 and 22	85 0	25 0	7 5	1891	150 "							"
2 " " Nos. 23 and 24	85 0	25 0	6 9	1891	150 "							"
5 " " Nos. 25 to 29	85 0	25 0	6 9	1892	150 "							"
5 " " Nos. 31 to 35	85 0	25 0	6 9	1893	150 "							"
2 Dump Scows Nos. 36 to 37	106 0	26 10	9 6	1899	200 "							"
1 " Scow No. 38	106 0	26 10	9 6	1900	200 "							"
2 Flat deck Nos. 39 and 40	85 0	25 0	6 9	1903	150 "							"
2 " Nos. 41 and 42	87 0	25 0	7 6	1904	150 "							"
3 " Nos. 43 to 45	100 0	30 0	9 0	1911	200 "							"
2 Dump Scows (Gilberts')	60 0	20 0	6 0		100 "							"

GEORGE SMART,
Accountant.

APPENDIX No. 20.

QUEBEC HARBOUR COMMISSIONERS.

QUEBEC, January 31, 1912.

A. JOHNSTON, Esq.,
Deputy Minister,
Department of Marine and Fisheries,
Ottawa.

SIR,—I beg to send you, herewith, the annual report of the Quebec Harbour Commissioners, together with the statements of revenue and expenditure and assets and liabilities.

I have the honour to be, sir,
Your most obedient servant,

RAOUL RENAULT,
Secretary-Treasurer.

QUEBEC, January 3, 1912.

RAOUL RENAULT, Esq.,
Secretary-Treasurer,
Quebec Harbour Commissioners,
Quebec.

SIR,—I have the honour to submit the following with reference to the traffic of the St. Charles Docks and Wharfs, showing the number of vessels, their registerel tonnage, amount and description of cargo landed and shipped from the docks during season 1911:—

Inwards, 392 Vessels, 1,723,630 tons registered.

54,440 tons general cargo.
1,141 tons earthenware.
9,672 tons bricks.
6,818 tons salt.
5,182 tons molasses.
260 tons drain pipe.
556 tons cement.
106 tons mill stone.
2,630 tons slag.
1,058 tons whitening.
191,347 tons bituminous coal.
26,959 tons bituminous coal, ex. prop. and barges.

218,306
48,817 tons anthracite coal.

Outwards, 91 Vessels, 360,054 tons register.

29,942 tons general cargo.
1,025 tons asbestos.
3,641 tons wood pulp.
293 tons pulp board.

44,801
579 head cattle.
26,511 p.s. lumber and timber.

SESSIONAL PAPER No. 21

Lower Port Steamers.

Landed	2,908 tons	general.
Shipped	4,455 "	"
	7,463	

Grain Landed by Propellers and Barges.

Oats	584,302	bushels.
Wheat	4,000	"
Corn	190,781	"
Barley	5,000	"
Total	784,083	"

Ties Landed by Schooner and Bateaux.

26,377 pcs. railway ties were landed.

Pulpwood Shipped by Barges.

14,832 cords of pulpwood was shipped.

The surface traffic has required the employment of 17,898 cars.

During the year spaces were rented at low rate for storage of coal landed, which had to be removed from water front.

There are wintering on Louise docks lumber, coal, railway ties, timber, &c., &c.

There are stored in the different freight sheds salt, cement, slag, wood pulp, &c., &c.

During the past season the different mail steamers landed:

First-class passengers	10,375
Second-class passengers	49,877
Third-class passengers	112,566
Total	172,818

The second and thirdclass passengers were forwarded to their future homes by the different railway companies.

The Dominion Coal Company have 18,000 tons of coal stored on space rented to them.

The Nova Scotia Steel and Coal Company have 10,000 tons of coal stored on their space.

The docks are occupied during the winter months by a large number of vessels of various tonnages, where they find safe quarters until the opening of navigation.

I have the honour to be, sir,

Your most obedient servant,

(Signed) P. FLYNN,

Wharfinger.

Quebec, January 2, 1912.

Raoul Renault, Esq.,
Secretary-Treasurer,
Quebec Harbour Commissioners,
Quebec.

Sir,—I have the honour to submit the following with reference to the harbour for the year 1911:—

Navigation was open in the harbour all winter.

C.G.S. *Montcalm* and *Lady Grey* were running to Cap Rouge all winter.

The ice bridge at Cap Rouge did not form as the C.G.S. *Lady Grey* and *Montcalm* were passing up and down during the winter.

C.G.S. *Montcalm*, Capt. Pelletier, left the harbour with passengers and freight at 5 a.m. on February 5 for Seven Islands and the Gulf of St. Lawrence, and returned on the 12th at 2.45 p.m.

C.G.S. *Lady Grey*, Capt. Mercier, left the harbour for Grosse Isle at 11 a.m., and returned at 4 p.m. on April 13.

The ice broke up in the tidal basin on April 9.

Schooner *Valeda*, Capt. Louis Dufour, under sail, arrived from lower St. Lawrence at 3 a.m. on April 9.

SS. *Aranmore*, Capt. John Hearn, left with passengers and freight for the lower St. Lawrence on April 9.

Navigation was general for schooners and other small craft from the lower St. Lawrence on April 11.

SS. *Savoy*, Capt. Pelletier, left the harbour with passengers and freight for the Island of Anticosti on April 15.

The ice bridge connecting the Island of Orleans with the mainland broke up on April 15.

The SS. *Aranmore*, Capt John Hearn, arrived from the lower St. Lawrence with passengers and freight on April 17.

C.G.S. *Druid*, placing the buoys in the river on April 19.

The ice in the wet dock broke up on April 17.

C.G.S. *Montcalm*, Capt. Pelletier, left the harbour for the Gulf of St. Lawrence to meet incoming steamers on April 19.

The SS. *Savoy*, Capt. Pelletier, arrived from the Island of Anticosti with passengers and freight on April 22.

The ice in the St. Charles river broke up on April 22.

The C.G.S. *Alice*, Capt Lavalle, left the harbour for Grosse Isle Quarantine Station on April 22.

The river ice between Quebec and Montreal passed down on April 26, at 8 a.m.

Steamers *Cascapedia*, *Amethyst* and *Lady of Gaspe* left for Montreal on April 26.

SS. *Royal George*, Capt. James Harrison, our first steamer from Europe with passengers and mails, arrived in the harbour on April 27.

Pontoons were placed in the harbour on April 27.

No ballast was discharged into the harbour during the past season.

The Richelieu & Ontario Navigation Company steamer *Murray Bay* arirved from Sorel on April 30.

The Richelieu & Ontario Navigation Company steamer *Murray Bay* arrived from Montreal on May 1, and returned to Montreal on May 2.

The Richelieu & Ontario Navigation Company steamer *Murray Bay* left the harbour with passengers and freight for the Saguenay on May 2.

In addition to the routine work of the harbour and office, 640 ocean going steamers were berthed in the Louise docks breakwater, and Point à Carey wharfs alone; this does not include a large number of steam barges, schooners, &c.

H.M.C.S. *Niobe,* Commander Macdonald, arrived and anchored in the harbour on June 1.

H.M.C.S. *Niobe,* Commander Macdonald, arrived and anchored in the harbour on her second trip on July 13 and left on the 18th.

The German cruiser *Bremen,* arrived in the harbour on July 17, and proceeded to Montreal.

The Richelieu & Ontario Navigation Company steamer *Murray Bay,* made her last trip to the Saguenay with passengers and freight on November 23.

The Royal Mail Steamer SS. *Virginian,* Capt. Gambell, of the Allan Line, left the harbour with passengers and mails on November 25, for sea.

The last passenger and freight steamer, C.P.R. SS. *Montrose,* arrived in the harbour on November 20.

The last coal laden steamer from sea arrived in the Louise basin on November 28.

The steam barge *Carleton,* Capt, Ed. Proulx, entered the wet dock grain laden from the west on December 4.

SS. *Aranmore,* Capt. John Hearn, arrived from sea with passengers and freight on December 5.

SS. *Brayhead* left the Louise basin timber laden on December 8 for sea.

The pilot tender SS. *Eureka* arrived in the harbour from the Lower St. Lawrence on December 11.

Steam barge *Carleton,* Capt. Ed. Proulx, left the harbour with passengers and freight for the island of Anticosti on December 13.

SS. *Sinbad* arrived from Anticosti and Seven islands pulp laden on December 16.

Steam barge *Carleton,* Capt. Proulx, arrived in the harbour from Anticosti with passengers on December 22.

The ice in the wet dock formed on December 1 and after a spell of mild weather with rain broke up and formed again on December 23.

Owing to the long spell of mild weather the ice bridge between the island of Orleans had not formed up to January 2, 1912.

Notices have been placed in suitable localities warning parties from discharging rubbish of any kind in the river, and every precaution is being taken to prevent any violation of the regulations of the harbour commission in that respect.

I have the honour to be, sir,
Your obedient servant,

(Signed) JAS. C. SULLIVAN,
Harbour Master.

ENGINEER'S OFFICE,
HARBOUR COMMISSION,
QUEBEC, January 2, 1912.

RAOUL RENAULT, Esq.,
Secretary Treasurer, Harbour Commission,
Quebec.

SIR,—I have the honour to submit herewith the following, with reference to the various works in connection with the maintenance and improvement of the harbour accommodation, carried out by this department during the past year.

The contract for the construction of the Strauss Bascule railway bridge, referred to in the annual report for 1910, was awarded last January to the Dominion Bridge Company. The work of erection was begun on August 31, and is now completed with the exception of a small amount of rivetting; the laying down of the railway track, and the wiring for the light and operating electric current, still remain to be done, in order to complete the bridge ready for testing. The railway approaches to the bridge on both sides of the cross wall, have been laid down ready for connection with the

bridge tracks, and a contract has been awarded to the Railway Signal Company of Canada, for the installing of semaphores and derails, interlocked with the bridge operating mechanism, for the protection of the bridge crossing. Some slight alterations had to be made to the landing sheds Nos. 13 and 9, to allow of the passage of the railway lines to bridge.

The filling of the Pier No. 1 having sufficiently advanced to allow its being done, a planked roadway was laid down along the centre of the pier, from the main roadway to the northern end of the pier, thus giving access to shed No. 25 and the coal platform at the northern end of the pier, for vehicles, independent of that through Shed No. 26.

Owing to the increase in the quantity of immigration baggage handled on the embankment, it was found necessary to increase the platform accommodation; this has been done by the erection of a second baggage platform, situated on the southern side of the baggage track.

The spaces on the shore side of the landing shed No. 24 and around the overhead corridor entrance, have been planked, and the berth thus provided in the tidal harbour, at the northern end of the breakwater, has been made use of by the Grand Trunk Railway ferry for the embarkation of immigrants.

Five floating fenders six feet in diameter, and one seven feet in diameter, were constructed during the past season, five of these fenders were placed along the river face of the breakwater, making altogether thirteen floating fenders in use during last season, on the river face of the breakwater and extension.

An additional hydrant has been placed on the breakwater, between the sheds Nos. 24 and 26, principally for the accommodation of vessels at this berth requiring city water.

The sixty pound rails, on the curves leading to Pier No. 1, have been replaced by ones of eighty pounds.

The car ferry landing on the breakwater has been removed, as it was found to be no longer required.

A coal storage space fronting on the wet dock, has been allotted to Messrs. Desjardins & Co., and an additional space made up of the ground formerly leased as a wood yard and that occupied by the coal oil shed, has been granted under lease to Messrs. Madden & Son.

To meet the requirements of vessels engaged in the coasting trade a pontoon 200 feet long by 40 feet wide has been constructed, and placed in the custom house pond, a berth on the west side of the pond having been prepared for its reception; two freight shelter sheds, fitted with electric lights have been erected on the pontoon; this berth was ready for use on September 1 last.

In preparation for the laying down of railway lines in connection with the car ferry berth, which it was contemplated to install at Atkinson's wharf, a portion of the slips at the east ends of St. Paul and St. James streets have been filled in; for retaining the filling in the St. Paul street slip, a cribwork wall has been placed across the slip.

Interlocking gates and semaphores have been installed at the railway crossing between the landing sheds Nos. 25 and 26.

The St. Lawrence Stevedoring Company have added 201 feet to the tracks for carrying the coal handling towers, making a total length of 981 feet of tracks along which the towers can operate.

One additional street arc lamp has been placed on the Point à Carey wharf, at the slip leading down to the custom house pontoon.

The minor repairs required to maintain the East India, Wellington, Atkinson and Reynar wharfs, and buildings thereon, in serviceable condition, have been effected.

During the past season, forty-seven vessels have taken their drinking water supply from the Commissioners water main.

The Cross-Wall draw bridge was operated for the first time the past season, on the 10th of April, and for the last time on December 7, on which day the S.S. *Carleton* left the basin.

The water was retained in the wet dock for the first time on May 4, and for the last time on December 3.

The entrance gates to the wet dock were not opened at the midday tide on September 2, the tide not having risen sufficiently for the purpose.

I have the honour to be, sir,
Your obedient servant,

(Signed) ST. GEO. BOSWELL,
Chief Engineer.

ASSETS AND LIABILITIES AS PER BALANCE SHEET.

ASSETS.			LIABILITIES.		
St. Charles' dock and wharfs	4,966,021 96		Quebec harbour debentures	3,612,802 42	
Wellington wharf	86,945 39		Receiver general	43,380 00	
Grand Trunk wharf	17,110 71		Dominion Government securing dock walls	541,393 26	
Atkinson's wharf	55,451 50				4,197,575 68
East India wharf	49,553 12		Quebec Harbour bonds, 62-63 Victoria chapter 34	350,000 00	
Reynar's wharf	9,918 29		Interest on January 1st	3,000 00	
Grain elevator	41,887 35		Quebec harbour bonds, 6-7 Edward VII, chapter 36	800,000 00	
		5,226,888 32			1,153,000 00
Cash on hand	94 44		Beach and deep water lots		54,523 73
La Banque Nationale	329,889 15		Profit and loss		640,093 12
		329,983 59			
Beach and Deep Water Lots.					
Capital at debit (sundries)	31,801 92				
Arrears of interest June 24, 1911	8,261 99				
Arrears of interest Dec. 24, 1911	797 68				
		40,861 59			
Unsettled Claims against the Dominion Government.					
Dept. of the Interior	351,437 32				
Dept. of Public Works	29,755 96				
Dept. of Marine and Fisheries	314 25				
Lifting barge	5,644 45				
Graving dock revenue	4,556 54				
		391,708 52			
Commissioners' dredge	5,105 21				
Hopper barge	5,609 28				
Material on hand	9,846 98				
Office furniture	5,315 48				
Tool's account	6,508 49				
Jackscrews' account	394 87				
Anchor's account	264 38				
Pile driver	527 66				
Deck scow	2,830 38				
		46,603 72			
Rents, wharfage, etc.					
Sundries as per balance sheet	16,542 00				
Suspense account	2,805 78				
		19,347 78			
		6,045,192 53			6,045,192 53

The arrears of interest due to or by the Dominion Government is not included in this statement.

Harbour Commissioners' Office,
Quebec, January 2, 1912.

RAOUL RENAUD,
Secretary-Treasurer.

We hereby certify that we have examined the statement of Assets and Liabilities of the Quebec Harbour Commissioners and we find the same in all particulars the true position of the trust to December 31, 1911, as per books and vouchers.

Quebec, January 19, 1912.

J. G. LAPOINTE,
ARTHUR E. SCOTT, } *Auditors.*

To office furniture		5,315 48	By Quebec harbour debentures		3,612,802 42
Amount at debit grantees, beach and deep water lots		40,063 91	Receiver general		43,380 00
Amount at debit sundries for rents, wharfage, etc		16,542 90	Dominion Government securing dock wall		541,393 26
Department of the Interior		351,437 32	Quebec harbour bonds 62-63 Victoria, chapter 34	350,000 00	
Department of Public Works		29,755 96	Interest due Jan. 1st	3,000 00	
Department of Marine and Fisheries		314 25			353,000 00
St. Charles' docks and wharfs		4,966,021 96	Quebec harbour bonds 6-7 Edward VII, Chapter 36		800,000 00
Wellington wharf		86,945 39	Beach and deep water lots		54,523 73
Grand Trunk		17,110 71	Profit and loss		640,093 12
Grain elevator		41,887 35			
Atkinson's wharf		55,451 50			
East India wharf		49,553 12			
Reynar's wharf		9,918 29			
Jackscrew's account		394 87			
Anchor's account		264 38			
Lifting barge		5,644 45			
Graving dock revenue		4,556 54			
Hopper barge		5,609 28			
Pile driver		527 66			
Deck scow		2,830 38			
Steel rails		4,755 52			
Tool's account		6,508 49			
Commissioners' dredge		5,105 21			
Lumber account		4,291 05			
Railway ties		800 41			
Suspense account		3,603 46			
Cash on hand	94 44				
La Banque Nationale	329,889 15				
		329,983 59			
		6,045,192 53			6,045,192 53

HARBOUR COMMISSIONERS' OFFICE,
January 2, 1912.

RAOUL RENAUD,
Secretary-Treasurer.

EXPENDITURE ON CAPITAL ACCOUNT DURING THE YEAR 1911.

Tool's account	157 43	
Office furniture	274 05	
		431 48
Securing dock walls:		
M. P. & J. T. Davis—		
Contract No. 1	2,415 52	
Contract No. 2	13,130 73	
		15,546 25
Grand Trunk wharf	1,370 45	
Atkinson's wharf	20 00	
East India wharf	656 48	
		2,046 93
Cross wall railway bridge		19,727 03
Custom House pontoon		33,945 63
Hearn property to perfect railway connections		51,315 20
Sundry expenditure on docks, wharfs and stores		26,644 30
		149,656 82

COMPARATIVE STATEMENT OF THE QUEBEC HARBOUR COMMISSIONERS FOR THE YEARS 1910 AND 1911.

——	1910.	1911.	Difference in 1911.
Tonnage dues	8,593 47	13,314 71	4,721 24 Increase.
Import dues	5,430 43	5,801 53	71 10 Increase
Export dues	2,439 50	2,145 10	294 40 Decrease.
Harbour dues	3,712 88	3,787 24	74 36 Increase.
Earnings of docks, wharf and storess	95,344 62	93,604 88	1,739 74 Decrease.
Beach and deep water lots	1,157 03	1,725 37	568 34 Increase.
Interest	4,347 91	2,016 98	2,330 99 Decrease.
Sundries	11 00	30 00	19 00 Increase.
	121,036 84	122,425 81	1,388 97 Increase.

1911 Dec. 31			1911 Dec. 31		
To Tonnage dues	$13,314 71		By Administrative engineering Staff, salaries and fees		$16,532 04
Import dues	5,801 53		Legal expenditure		2,668 50
Export dues	2,145 10		Notarial expenditure		167 25
Harbour dues	3,787 24		Miscellaneous expenses, printing, stationery, advertising, Harbour Master's service, general labor, &c.		4,508 01
		$925,048 58	Property expenditure, taxes, insurance, repairs, &c., and the maintenance of docks, wharf and stores		52,970 67
WHARF AND PROPERTY EARNINGS.			Workmen's liability		81 02
Wellington wharf	$2,610 00		Twelve months' interest on Bonds, 62-63 Victoria, Chapter 34, and 6-7 Edward VII, Chapter 36		30,000 00
Grand Trunk wharf	2,000 00		Surplus over the working expenses		15,498 32
Atkinson's wharf	2,820 00				
East India wharf	1,435 85				
Reynar's wharf	1,200 00				
Louise docks and wharfs	83,539 03				
		$93,604 88			
Beach and deep water lots		1,725 37			
Interest		2,016 98			
Sundries		30 00			
		$122,425 81			$122,425 81

QUEBEC, January 19, 1912.

To the Chairman and Commissioners,
Quebec Harbour Commissioners,
Quebec.

DEAR SIRS,—We beg to report that we have examined the books and vouchers of the Commission and find them correct and in accordance with balance sheet presented, which is a true position of the corporation as at December 31, 1911.

We have to thank Mr. Renault, Secretary-treasurer, for assisting us in our work in every manner in his power.

We have the honour to be, sirs,
Your obedient servant,

J. G. LAPOINTE,
ARTHUR E. SCOTT,
Auditors.

APPENDIX No. 21.

THREE RIVERS HARBOUR COMMISSIONER'S REPORT.

Commissioners:

P. A. Drolet, Esq., Chairman.

Jos. L. Fortin, Esq., L. E. Dufresne, Esq.,

L. P. Normand, Esq., J. F. Boulais, Esq.

Georges Balcer, Secretary-Treasurer.

Notwithstanding the political excitement of last summer, which absorbed to the utmost, and this for months and months the attention of the entire community and affected more or less some of our larger industries—the season 1911 ended with a highly satisfactory result. Not that under prevailing circumstances several of our enterprises and projects had not suffered a momentary drawback, or an interruption —as for instance the construction of the Wayagamack Pulp and Paper plant, which, for lack of sufficient labour, particularly during election time, could not proceed with the desired rapidity; and the forced postponement of the erection of an additional cotton plant in our city for the same reason. But the crisis resulting from the abnormal condition recently imposed by the exclusive absorbtion of, so to say, *the Entire Export Trade* of the Dominion by the port of Montreal, reducing our ocean traffic not only to a minimum, but continued forcing most of the products of our own industries, our agricultural and dairy products to be still transported by rail to that city for transhipment to foreign markets—this crisis, fortunately, has lost part of its violence, in so far at least as the development of our local traffic, the steadily increasing forward movement in every branch of manufacture of the various industrial establishments in and around Three Rivers, to some extent, for the loss inflicted by the rather too partial dealing of our governing powers in favour *of but one single port on the St. Lawrence.*

Under actual conditions of transportation, the export of most of our manufacture for countries, other than the United States, are generally shipped in fractional quantities, following each other in rapid succession. They may, consequently, not always offers an inducement for steamers taking them from over our wharfs. Could, once, the different firms, joining their interests agree to ship at regular fixed dates, a change for the better would, undoubtedly, follow. The same drawback existed in the imports of raw material and products for manufacturing purpose:—sulphur, clay, chemicals, &c., each firm requiring but a limited quantity. With an increasing number of establishments in this section of the province, the supply is now centered in Three Rivers and sent from here to various destinations. The demand for coal is constantly on the increase. Notwithstanding the number of plants now running by electricity, the 120,000 tons of coal imported last season are not nearly sufficient to meet all requirements. The new coal dock under construction at the Windmill point, calculated to offer the required space for handling larger quantities, is badly needed by the Dominion Coal Company as well as by other firms. The first named, alone, could easily double their import, particularly, in prevision of the not far-distant entrance into our city of the Canadian Great Northern railroad and the prospect of having a branch of the Grand Trunk Pacific railroad soon joining our deep water wharfs. Not one single ton of the coal now received is yet delivered on the south shore.

In looking over our report for 1910, we have nothing to withdraw from our statement regarding the wonderful progress and the yet more brilliant prospects in view for the city and for this section of the country. Relying on the promise of the present honourable the Minister of Marine to not only supply all and every want of the great national port of Montreal, but also to render equal justice to every other port,—the welfare of our harbour will be secured.

Trusting that his colleague the Honourable Minister of Railways will also consider the necessity of linking together the main line of the Grand Trunk Pacific—distant only some 35 miles—with the harbour of Three Rivers, from which place by a simple car ferry to Doucet's Landing, direct connection by the Grand Trunk system can be established between the north of this province and the eastern portion of the United States, at a relatively small cost, by a route considerably shorter than via Quebec or Montreal—and the future of our city and traffic would be well cared for.

In support of our views let us again allude to the surprising development of the Laurentide Paper Company's interest:—within the last twelve months the shareholders, without disbursing one cent, doubled their capital and the new stock is still far above par. Then the gigantic undertaking of the Shawinigan Water and Power Company; and above all, the astonishing increase in the development of our forest. Until now the cutting of five million logs in the St. Maurice territory was regarded as a maximum, not easily surpassed. To-day the record is broken, for the present winter's cut will reach about eight million logs. Further addition to the Grand Mère plant, larger consumption by the Belgo-Canadian Co., and more particularly the entering into the field of action of the new Wayagamack Pulp and Paper Co.—are the principal factors of the present phenomenal extension.

Of the fifty million feet of merchantable lumber produced by our local sawmills, about fourteen million were shipped to Great Britain, ten million to United States and the rest for local consumption and the more important Montreal market. The same establishments also turned out 70,000 cords of pulpwood, of which about 50,000 left for the United States by canal boats or steamboats. The Wayagamack Co. kept their portion, some 10,000 cords for the manufacture of paper as soon as their plant commences operation (end of February or March). Some 20,000 tons of pulp, half of which from the Seven Islands, below Quebec, the balance from the Grès Falls Pulp Mill at the Cap de la Madeleine, were shipped to United States paper mills.

In spite of the great demand and enormous consumption by our own paper mills, in spite of the law of Quebec, the export to the United States of pulpwood from the district of Three Rivers alone could thus not have fallen short of one hundred thousand cords, during the season 1911.

According to annexed statements, ocean vessels registered during the season 1911 to the number of 59 steamships with 124,583 tons, 6 steamships and 11,273 tons more than in 1910, and 29 steamships and 68,000 tons more than in 1907, the year of the unfortunate crisis mentioned.

The traffic with the United States required 924 canal boats with 106,040 tons, an increase of 152 vessels over 1910.

Along with the local traffic, the total arrivals numbered thus 1,494 vessels and 328,203 tons, quite a satisfactory result.

GEORGES BALCER,
Secretary-Treasurer

THREE RIVERS, January 15, 1912.

STATEMENT of Number and Tonnage of Steamers and other Vessels entered inward and outward of the port and out-ports of Three Rivers, for the year 1911.

OCEAN TRAFFIC.—PORT OF THREE RIVERS.

RETURN OF VESSELS INWARD.			RETURN OF VESSELS OUTWARD.		
Nationality.	No.	Tons.	Cleared for	No.	Tons.
British	34	81,639	Inland Ports	43	85,109
Norwegian	22	39,578	Great Britain	14	35,517
Danish	2	2,676	Cuba	2	3,957
Canadian	1	690			
	59	124,583		59	124,583

UNITED STATES TRAFFIC.

Port of Three Rivers, United States steam barges	4	3,677
" " " " " " canal-boats	806	81,794
" " " " " " steamers	9	9,499
Out-ports " " " " canal-boats	105	11,070
	924	106,040

INLAND TRAFFIC.

Boats not registered	21	
Schooners and Barges	256	62,047
Tugs and steamboats	234	35,533
	511	97,580

RECAPITULATION.

Ocean traffic	59	124,583
United States traffic	924	106,040
Inland traffic	511	97,580
Grand Total	1,494	328,203

Exclusive of Richelieu & Ontario and other Navigation Coy's Steamers, local craft and market boats.

HARBOUR COMMISSIONERS OF THREE RIVERS.

Receipts and Disbursements for the Year 1911.

RECEIPTS.

Commissioners' Office.

Tonnage dues	$ 556 10	
Harbour dues: Inward	147 61	
" " Outwards	1,738 61	
Commutation	795 00	
Rent of wharves and moorage	757 29	
"		$ 4,994 61

Custom House.

Tonnage dues on vessels	$ 3,881 00	
Harbour dues: Inwards	9,939 28	
" " Outwards	2,117 82	
Moorage dues	1,041 71	
		$ 16,979 81
Total receipts		$21,974 42
Interest on deposits		175 29
Deposit in bank and cash, Dec. 31, 1910		13,519 56
Accounts of 1910 collected in Jan. 1911		287 29
Grand total		$35,956 56

DISBURSEMENTS.

Expenses on Revenue.:

Current expenses	$ 347 01	
Salaries and commission	3,647 02	
Printing and stationery	64 71	
		$ 4,058 74
Repairs and general harbour expenses		2,274 40
Interest on debentures	9,525 00	
Sinking fund	1,905 00	
		11,430 00
Total expenses on revenue		17,763 14
Deposits in bank and cash Dec 31, 1911		18,193 42
Grand Total		$35,956 56

GEORGES BALCER,
Secretary-Treasurer.

Three Rivers, January 15, 1912.

APPENDIX No. 22

SIXTY-FIRST ANNUAL REPORT OF TORONTO HARBOUR COMMISSIONERS, BEING FOR THE YEAR ENDING DECEMBER 31, 1911.

To the Commissioners of the Harbour of Toronto:—

GENTLEMEN,—I have the honour to submit my report for the year 1911.

The harbour was clear of ice on March 31, having been frozen over for 111 days, a longer period than usual.

The first vessel to arrive was *The Macassa*, Captain Henderson, on March 30. The last arrival was *The Seguin*, on December 8, she came in light to winter here.

The number of vessels to arrive this year is 3,192. A slight falling off from last year, but the tonnage is a little in advance, showing that larger vessels are being employed than formerly.

Below is a comparative statement of arrivals and tonnage:—

REGISTERED TONNAGE.

—	1910	1911	Decrease.	Registered Tonnage	
				1910	1911
Propellers	729	711	18	360,386	381,531
Steamers	2,262	2,070	192	1,170,650	1,213,778
Sailing	411	411	....	51,925	54,578
	3,402	3,192	210	1,582,961	1,649,887

The year commenced with a cash balance of	$ 5,321 15	
Receipts for the year	11,659 07	
		$16,980 22
Expenditure for the year	$13,380 86	
Cash on hand, in bank and till	3,599 36	
		$16,980 22

Coal receipts for the year are as follows:—

	Tons.
Hard coal	110,306
Bituminous coal	15,923
Total	126,229

Being 1,695 less than for last year.

Coal imported by rail as per returns from Ottawa are as follows:—

	Tons.
Hard coal	632,974
Bituminous coal	734,978
Total	1,367,952

It will be noticed that the quantity of coal brought into the city by vessel is but a tenth of that conveyed by rail, and, as stated in my report for last year, this reduction must be more and more noticeable year by year, for as the city extends towards the north and west the railways can deliver coal almost at the consumers' doors, while the vessel trade is handicapped by the long haul from the water front.

The lake level has been very low this year, involving a considerable increase of dredging. The highest water was 7 inches above zero on June 8; the lowest water was 13 inches below zero on November 12. The average for the year is two inches and one-third below zero, or about ten inches below last year.

The harbour buoys were placed out on April 3, and then taken up on December 7.

The lamps at the Queen's wharf were first lighted on March 30, and discontinued on December 8.

There are 75 vessels wintering here, besides several dredges, scows, viz.: 10 passenger steamers, 9 steam barges, 3 schooners, 4 tow barges, 11 ferry steamers, 2 house boats, and about 26 sailing yachts, in all about 21,827 tons register.

An Act entitled an Act to Amend and Consolidate the Acts Relating to the Harbour of Toronto, was passed by the Senate on March 31, 1911, and amended and passed by committee of the House of Commons and assented to on May 19, same year. By this Act the commissioners of the trust are elected and appointed for three years, instead of for one year, as formerly; the area of their jurisdiction is considerably enlarged and their powers increased.

In June the twenty-one year lease to the Canadian Pacific Railway company expired. Application by the company for a renewal of the lease was made, but pending alterations in the arrangement, the new lease has not yet been granted. This is for what is known as Queen's wharf property.

Dredging has been done at the following docks and slips, viz.:—

	Cub. Yds.
At Princess street	11,583
At Church street	6,665
At Parliament street	279
At Elias Rogers' dock	4,045
At Conger Coal Co.'s dock	1,786
At Milne & Co.'s dock	1,786
At the Merchants' line dock	1,084
At the Electric Light Co.'s	4,701
At the Canadian Lake line	1,615
In the Queen's Wharf channel	4,518
	38,062

TORONTO HARBOUR.

SECRETARY of the Harbour Trust in account with the Commissioners for the Year ending December 31, 1911.

GENERAL BALANCE SHEET.

Wharf property	$ 43,073 72	By balance to credit of profit and loss	$ 76,294 27
Office furniture	353 88		
Canada permanent Bonds	14,000 00		
City of Toronto Bond	5,000 00		
Central Canada Bond	5,000 00		
Imperial Trust Co.	5,167 31		
Cash in Bank of Toronto; deposit	3,691 32		
Cash in hand	8 04		
	$ 76,294 27		$ 76,294 27

We have examined the Books and Vouchers and have compared the Balance Sheet with the said Books and Vouchers, and certify the same to be correct and to represent a true statement of the affairs of the Trust at this date: December 31, 1911.

LIONELE H. CLARK, Chairman.
R. S. GOURLAY,
H. HOLMES SMITH..
F. S. SPENCE.
T. L. CHURCH..
Commissioners.

S. BRUCE HARMAN,
SYDNEY H. JONES.
Auditors.

PROFIT AND LOSS.

DR.			CR.
Dredging	$ 7,780 76	Balance from ledger	$ 77,788 75
Salaries	2,540 00	Canadian Pacific Railway Co.	2,000 00
Office expenses and rent	902 28	City of Toronto; rent	1,000 00
Lights, buoys and beacons	823 92	Interest on deposits	127 38
Charges, commission, fees, &c.	480 00	Interest on Bonds	1,009 58
General repair account	289 70	City allowance on account care of city buoys.	100 00
Commission's Expenses in England	150 00	Money refund account charges	22 00
Cost of valuation	100 00	Harbour dues	7,567 42
Deputation to Ottawa	61 90		
Printing and stationery	45 85		
Refund of harbour dues	43 30		
Written off furniture account	40 00		
Insurance	26 25		
Lunch for commissioners	28 90		
Premium of Fidelity bond	8 00		
Balance to credit of Profit and Loss	76,294 27		
	$ 89,615 13		$ 89,615 13

Audited and found correct.

S. BRUCE HARMAN,
SYDNEY, H. JONES.
Auditors.

RECEIPTS AND EXPENSES.

Receipts.		Expenditure.	
Cash on hand January, 1911	$ 5,321 15	Dredging	$ 7,780 76
Canadian Pacific Railway	2,000 00	Salaries	2,540 00
City of Toronto; rent	1,000 00	Office rent and expenses	902 28
Harbour dues	7,567 42	Lights, buoys and beacons	823 92
Interest on deposits	127 38	General repairs	289 70
Interest on bonds	842 27	Commission's expenses in England	150 00
City allowance for buoys	100 00	Valuator's fee	100 00
Money refund account charges	22 00	Commission's fees and charges	480 00
		Deputation to Ottawa	61 90
		Entertainment	28 90
		Printing and stationery	45 85
		Refund of harbour dues	43 30
		Insurance	26 25
		Premium on Fidelity insurance	8 00
		Cash on hand	8 04
		Cash in Bank of Toronto	3,691 32
	$16,980 22		$16,980 22

Audited and found correct.

S. BRUCE HARMAN,
SYDNEY H. JONES. } *Auditors.*

COMPARATIVE STATEMENT.

Goods arrived at the Port of Toronto during the years 1910 and 1911.

Description of Goods.		1910	1911
General merchandise	tons	81,883	83,279
Coal	"	127,916	126,229
Horses, carriages and horned cattle		259	323
Lumber	ft. B.M.	.....	1,037,000
Grain	bush.	1,230	1,500
Bricks	common	.....	2,560,000
"	scoria	313,000	368,000
Ice	tons	8,416	7,898
Fruit	bbls.	210	184
"	crates	10,997	9,680
"	baskets	16,257	493,471
Lake stone	toise	11,361	12,038
Oil in bulk	bbls.	103,525	101,898

The contractor for the dredging was Mr. John E. Russell, who gave every satisfaction, doing the work smartly and cleanly.

Mr. J. G. Sing, engineer-in-charge, Public Works Department, reports as follows:—

During the past year a channel has been dredged through the bar, 200 feet in width on top by about 600 feet in length at the entrance to the eastern channel, to the depth of 20 feet below zero on gauge. Concrete superstructure has been placed on the north end of the east pier of the eastern channel for a length of 650 feet, and a small boat-landing was constructed near the centre thereof.

The work of construction of the western entrance to the harbour has been practically completed, and consists of a channel through the sand bar to a depth of 18 feet below zero of gauge and a width of 400 feet between the piers. The north pier is 2,200 feet in length by 20 feet in width composed of crib work substructure and concrete superstructure. The magnetic bearing of the new western channel is north 61° ·45′ east, and the magnetic bearing of the eastern channel is north 34°·45′.

Mr. R. F. Stupart, director of the Toronto Observatory, reports as follows:—

The first warning of the season was issued for the Port of Toronto on May 31, and the last on December 3. Warnings were issued for Lake Ontario ports on sixteen occasions, there being no less than five sent out in October and six in November. On each occasion when the signals were displayed a storm occurred. October was fairly stormy; November especially so, but the remaining months during the season of navigation were marked by an absence of any very stormy conditions.

During the year the self-recording wind gauge placed at the Eastern Gap, in charge of Mr. McKelvie, gave a total mileage of 109,719 miles in the twelve months; the months giving the greater being February, 11,507 miles; November, 11,991 miles, and December, 11,247 miles. The months with the smallest mileage were July, 6,545 miles, and August, 6,515 miles.

The precipitation for the year was: Rain, 23·91 inches; snow reduced to water, 5·26 inches; total, 29·17 inches, or four and one-half less than last year.

I am, gentlemen,

Your obedient servant,

COLIN W. POSTLEWAITH,

Harbour Master.

COMPARATIVE STATEMENT.

RECEIPTS AND EXPENSES FOR THE YEARS 1909-10-11.

RECEIPTS.

	1909	1910	1911
Canadian Pacific Railway	$ 4,000 00	$ 4,000 00	$ 2,000 00
City of Toronto	2,000 00	2,000 00	1,000 00
Harbour dues	6,446 21	7,320 04	7,567 42
Interest of Bonds	731 32	731 32	1,009 58
Interest on deposits	317 00	408 85	127 38
Water Works department	100 00	100 00	100 00
Fines, speed by-law	40 00	.....	
Insurance	.....	31 50	
Refund	.....	.....	22.00
	$ 13,634 53	$ 14,891 71	$ 11,826 38

EXPENDITURE.

	1909	1910	1911
Dredging	$ 6,308 57	$ 7,951 40	$ 7,780 76
Deputation to Ottawa	55 25	17 35	61 90
Insurance	17 50	33 40	26 25
Commissioners' fees, &c	300 00	550 00	480 00
Lights, buoys and beacons	528 41	1,045 04	823 92
General repairs	220 34	430 82	289 70
Printing and stationery	63 62	92 50	45 85
Office expenses and rent	713 90	742 00	902 28
Salaries	2,540 00	2,540 00	2,540 00
	$ 10,747 59	$ 13,402 51	$ 12,950 66

APPENDIX No. 23.

PICTOU HARBOUR COMMISSION.

PICTOU, N.S., April 3, 1912.

ALEX. JOHNSTON, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

SIR,—Enclosed you will find account of the Pictou Harbour Commissioners for the year 1911, and also a copy of the collector's account of dues collected. Delay in forwarding these accounts at an early date was due to the absence of the secretary.

Yours faithfully,

HENRY G. IVES,
Secretary Pictou Harbour Commission.

STATEMENT of Harbour Dues for year ending December 31, 1911.

Balance in bank December 31, 1910	$125 00
Total collections for the year 1911	692 48
Total	$817 48

Disbursements.

Paid salary of harbour master for year 1911	$300 00
To credit of harbour commissioners	392 48
Balance on hand December 31, 1911	125 00
Total	$817 48

R. P. FRASER,
Collector of Customs.

PICTOU, N.S., January 31, 1912.

SESSIONAL PAPER No. 21

The Pictou Harbour Commissioners—In account with Henry G. Ives, Secretary.

1911.			$ cts	$ cts
Jan.	16	To Commissioners' expenses	10 00	
"	16	SS. *Hiawatha*	15 00	
May	4	Secretary's salary	100 00	
"	4	J. T. MacKay, repairing buoys	11 00	
"	4	Wm. McLean, bushing channel to East River	12 00	
"	10	Placing buoys	30 00	
"	29	Painting buoys	5 00	
June	9	Bushing, West River	8 00	
"	27	Repairs, Trenton Wharf	153 63	
Aug.	12	Material, Market Wharf	79 50	
Sept.	2	Labor, Market Wharf	28 13	
Oct.	6	W. B. Graham, bushing East River	25 00	
"	6	Higginson & McKay, chains for buoy	13 00	
"	6	Taking in buoys	30 00	
"	6	Keeping bushes in order, 1911	6 00	
1912.				
Jan.	12	Balance in Bank of Nova Scotia	775 97	
				1,302 23
1911.				
Jan.	1	By balance in Bank of Nova Scotia per Acct	909 75	
"	12	Deposited by Collectors	392 48	
				1,302 23
1912.				
Jan.	12	By balance in Bank of Nova Scotia	775 97	

Jas. R. Brown, Chairman.
Henry G. Ives, Secretary.
D. A. Barr,
W. A. McIntosh,
J. C. Reid,
Pictou Harbour Commissioners.

APPENDIX No. 24.

NORTH SYDNEY HARBOUR COMMISSIONERS.

North Sydney, N.S., June 10, 1912.

A. Johnston, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

Sir,—I have the honour to enclose a report of the transactions of the Harbour Commissioners of North Sydney, N.S., for the year ending December 31, 1911.

A new harbour commission composed of Messrs. James Bissett, Arthur McDermaid and Kenneth Macleod, was appointed by order in council, on May 13 last and I received from the late Board of Harbour Commissioners:—

One deed of ballast ground property,
One deed of breakwater property.
One deed of Bertram property; right of way to ballast ground,
Release of mortgage from Nova Scotia Building Society,
One tin box of papers and documents,
One shipping register book,
Statement of receipts and expenditures to June, 1912, showing balance on hand, $1,577.04,
One Royal Bank book, showing said balance, $1,577.04.

(Sgd.) KENNETH MACLEOD,
Secretary.

SESSIONAL PAPER No. 21

Harbour Commissioners' Statement of Receipts and Expenditures to June, 1912.

Receipts.

1911.			$ cts.	$ cts.
Jan.	1	Amount on hand	3,266 88	
May	31	Received Harbour Dues	711 59	
June	30	" " "	517 40	
July	31	" " "	443 94	
Aug.	31	" " "	401 15	
Sept.	30	" " "	428 75	
Oct.	31	" " "	511 98	
Nov.	30	" " "	566 29	
Dec.	31	" " "	353 30	
				7,201 28
1912.				
June		Amount on hand	1,577 04	

Expenditures.

1911.			$ cts.
Feb.	18	Paid G. P. Moffatt, account contract	20 00
Mar.	14	G. P. Moffatt, balance contract	65 00
"	25	T. W. Lawlor, trucking	3 90
"	25	G. P. Moffatt, piling wharf	24 00
May	5	Repairing harbour boat	13 85
"	17	Bent & Cohoon	6 24
July	14	George Coleman	0 75
"	31	S. Salter	1 74
Sept.	7	Mr. Bond	4 50
Nov.	2	Schr. *Arizona*	20 00
"	20	H. Bond	7 50
Dec.	2	Labour, breakwater	37 00
"	9	" "	35 00
"	16	" "	61 00
"	23	" "	58 00
"	23	T. Lawlor, hauling logs	37 12
"	28	P. J. McDonald, iron work for breakwater	23 52
"	28	North Sydney Tow Boat Co.	10 00
"	30	Labour breakwater and horse hire	20 75
"	30	" " " "	91 25
		Bent & Cohoon	5 71
		Rent	75 00
		J. McPherson	196 72
		P. J. McDonald	550 00
		M. W. Lawlor	550 00
		Joseph Shean	700 00
		Wm. Hackett	650 00
		Nova Scotia Building Society	302 88
1912.			
Feb.	3	Labour, breakwater	46 25
"	10	Iron bolts	4 74
"	28	Labour, breakwater	11 25
April	3	Nova Scotia Building Society	705 73
"	22	G. P. Moffatt, repairing boat	17 71
		J. Shean, account telegrams and moving logs	4 63
		P. J. McDonald	275 00
		M. W. Lawlor	275 00
		Joseph Shean	350 00
		Wm. Hackett	325 00
		Rent	37 50
		Amount on hand	1,577 04
			7,201 28

M. W. Lawlor,
Peter McDonald
Wm. Hackett,
} *Harbour Commissioners.*

North Sydney, N.S.

LIST OF SHIPPING, REGISTERED TONNAGE, AND NUMBER OF MEN CARRIED ARRIVING AT THE PORTS OF THE SYDNEYS DURING 1911, FROM JANUARY 1 UNTIL DECEMBER 31.

This includes all British and foreign steamers from foreign ports, all British and foreign steamers engaged in the coal and coastwise trades, and sailing vessels of all descriptions, including Canadian, and all foreign vessels. Total vessels, 2,220, having a tonnage of 1,811,223, carrying crews of 38,181 men.

——	No.	Tonnage.
Ocean steamers	994	1,679,780
Coasting steamers	167	51,617
Steam trawlers	39	4,926
Schooners	1,004	72,242
Barkentines	6	1,182
Brigantines	10	1,476
	2,220	1,811,223

SHIPMENTS.

	Tons.
Dominion Coal Co., Ltd., from their pier, Sydney, coal shipped	1,920,862
Nova Scotia Steel & Coal Co., Ltd., North Sydney, coal shipped	471,043
Nova Scotia Steel & Coal Co., Ltd., North Sydney, iron ore received	147,012
Dominion Iron & Steel Co., Ltd., iron ore, limestone and other material received	905,231
Dominion Iron & Steel Co., Ltd., steel rails shipped	73,085

(From January 1st, 1911, to December 31st, 1911.)

WM. HACKETT,
Secretary.

APPENDIX No. 25.

BELLEVILLE HARBOUR COMMISSIONERS.

BELLEVILLE, ONT., December 18, 1911.

Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Enclosed I mail you statement of the harbour master for 1911, and also of the harbour commissioners for the same year.

I am to-day handing over to your appointees, the books, papers and bank-books, and trust their stewardship will be as beneficial to the interests concerned as those of the deposed commissioners.

I am, very truly yours,

DAVID PRICE.

Balance to credit in bank-book	$ 138 72
Balance to credit in sinking fund	3,389 26
Total in bank	$3,527 98

STATEMENT of Receipts and Expenditures of the Belleville Harbour Commissioners, 1911.

Jan.	1..	Balance on hand at bank	$	50 83	Jan.	21	Paid S. Vandervoot, salary	$	50 00
May	9..	Cash from harbour dues		101 70	Feb.	22..	" "		50 00
"	31..	" bank interest		0 29	Mar.	22..	" "		50 00
June	9..	" harbour dues		488 07	"	31..	H. C. Thompson, tickets for delegation		31 00
July	10..	" "		379 16	Apr.	22..	S. Vandervoot, salary		50 00
"	20..	" "		0 35	May	9..	J. Roblin, $7·00, Point Portage & C. $2·30		9 30
Aug.	12..	" "		255 45	"	12..	Expenses delegation to Ottawa and Montreal		46 20
Sept.	8..	" "		100 18	"	22..	S. Vandervoot, salary		50 00
Oct.	10..	" "		265 47	"	25..	David Price, salary		50 00
Nov	10..	" "		292 13	June	6..	Morton & Herty, By-laws		12 00
"	30..	" bank interest		6 00	"	9..	Schuster & Co., rebate on coal		8 80
Dec.	1..	" harbour dues		84 15	"	9..	1 broom		0 40
					"	22..	S. Vandervoot, salary		40 00
					July	22..	" "		40 00
					"	25..	C. B. Foster, filling wall		20 00
					"	30..	lock and ink		0 35
					Aug.	22..	S. Vandervoot, salary		50 00
					Sept.	22..	" "		50 00
					"	22..	Interest, 45c., 80c., $1·00		2 25
					"	28..	E. J. Butler, Law costs		8 00
					"	28..	J. V. Ross, repairing wall		38 00
					Oct.	2..	Coupon interest		100 00
					"	3..	"		350 00
					"	5..	"		50 00
					"	5..	"		100 00
					"	10..	Postage and coal		1 61
					"	21..	S. Vandervoot, salary		50 00
					Nov.	10..	fuel		1 90
					"	10..	Sinking fund account		500 00
					"	22..	S. Vandervoot, salary		50 00
					Dec.	1..	Jack Roblin, $5.00 stamps, 25c		5 25
							Balance in bank		138 72
				2,023 78					2,023 78

11

To credit of sinking fund as per bank book, $3,389.26.

(Signed) DAVID PRICE,
Chairman Harbour Commissioners.

BELLEVILLE, December 12, 1911.

APPENDIX No. 26.

REPORT OF THE PORT WARDEN OF THE PORT OF ANNAPOLIS ROYAL, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

ANNAPOLIS ROYAL, December 20, 1911.

ALEX. JOHNSTON, Esq.,
Deputy Minister of Marine and Fisheries.

SIR,—I beg to submit my annual report as port warden for the year ending December 31, 1911.

On April 4, I held a survey on the SS. *Granville* while lying at Whitman's wharf, in consequence of damage caused by fire. I received a fee of $8.

On September 22, I held a survey and inspection of the SS. *Hispania,* loading at the Acadian pier, and pronounced her seaworthy. I received the fee of $10 for this inspection.

I have no expenses to report.

I am, sir,

Your obedient servant,

(Signed) JOSEPH MALENSON,
Port Warden.

APPENDIX No. 27.

REPORT OF THE LATE PORT WARDEN OF THE PORT OF CHATHAM, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

CHATHAM, N.B., December 29, 1911.

ALEX. JOHNSTON, Esq.,
Deputy Minister of Marine and Fisheries.

SIR,—I beg to enclose a report compiled from records of the late George T. Tait, port warden, who died on the morning of December 25, 1911.

Yours truly,

MAGGIE TAIT.

P.S.—The present port warden is M. M. E. Goggin, appointed March 25, 1912.

PORT OF CHATHAM.

Having examined the schooner *Mary Hendry*, of the burden of two hundred and forty-nine tons or thereabouts of Bridgetown, Barbadoes, now lying in this port with reference to the damage caused to her in this port on the twenty-ninth day of August last by being collided with by the steamship *Appenine*, we recommended that temporary repairs be made on said schooner to enable her to load and proceed on her intended voyage, and at the request of Captain Edgar Godfrey, master of the said schooner, *Mary Hendry*, we the undersigned George T. Tait, port warden of the port of Chatham, Robert J. Walls, harbour master of the port of Chatham, and Robert Murray, Lloyds' agent at Chatham aforesaid, proceeded on board the said schooner this day and made a thorough examination of the condition of the said vessel.

We found that temporary repairs had been made as instructed and that calkers had gone over all the hull above water line, calking all seams or bad butts in hull. We also found the main deck newly calked.

From such examination we are quite satisfied with such repairs and hereby certify that the vessel is seaworthy to carry a cargo of lumber from this port to New York and return with cargo to Nova Scotia for permanent repairs at Liverpool, N.S.

Fees collected, $15.

Dated at Chatham, N.B., this eighth day of September, A.D. 1911.

We, the undersigned George T. Tait, port warden of the port of Chatham, Robert J. Walls, harbour master of the port of Chatham, and Captain Ernest Wells, master of the steamship *Amherst*, now lying in the port of Chatham, do hereby certify that at the request of Mr. Robert Murray, Lloyds' agent at Chatham, N.B., we proceeded on board the schooner *Mary Hendry*, of Liverpool, N.S., of the burden of two hundred and forty-nine tons or thereabouts, and held a survey on the said schooner as she now lies at Snowball's wharf in the said port of Chatham.

Captain Godfrey informed us that on the twenty-ninth day of August instant, the steamship *Appenine*, while docking came in collision with his vessel while lying at the J. B. Snowball Company wharf.

On examination, we found the said schooner badly strained, rail broken, water ways strained for twenty feet along starboard side and butts opened in hull and deck, also the ceiling broken from deck down to bilge strake, bilge strake also broken,

break deck also broken, channels on port side broken, copper torn off and planking damaged on starboard side. So far as we can see in the condition in which said vessel now is and to the best of our knowledge and belief we estimated it will cost eight hundred dollars ($800) to repair the damages.

Fees paid, $15.

Dated at Chatham, N.B., this thirtieth day of August, A.D. 1911.

PORT OF CHATHAM, August 19. 1911.

At the request of Captain Olaf Schervig, of the Norwegian steamer *Starkad,* of Christiana, 1,492 tons register, and by order of the Norwegian consul, we the undersigned George T. Tait, port warden, Robert J. Walls, harbour master, and Captain Martin Handeland, master of the Norwegian steamship *Lovstakken,* of Bergen, proceeded to Nordin, to hold a survey of said steamer.

The captain informed us that the steamer had been aground several times in the Richibucto river, then he got a gasoline boat to steady steamer along and got clear (for further particulars see ship's logbook).

We found the steamer not making any water, and in good seaworthy condition. We recommend that the steamer be dry-docked at a favourable opportunity. The fees for this survey, including transportation to and from steamer are twenty dollars each, receipt of which is hereby acknowledged.

CHATHAM, August 14, 1911.

At the request of Captain Conrad Jacobsen, of the Norwegian barque *Silas,* of Grimstad, lumber laden, bound to Maryport, England, we the undersigned George T. Tait, port warden, R. J. Walls, harbour master, and Captain James Willis, master Br. SS. *Longscar,* being appointed by the Norwegian vice-consul to hold a survey on the said barque, proceeded on board the said barque, the captain informed us that in moving the ship from loading berth to stream on the ninth inst., the ship grounded on the flats on the north side of the river, where she lay aground for ten hours, after that time he got her afloat with the assistance of two tugboats. In getting the ship off several lines were broken (for particulars refer to ship's log). As the bed of the river is quite soft where she grounded, she cannot have sustained serious damage in our opinion, we sounded pumps and found ship not making any water.

We consider in our opinion that the ship is in every way seaworthy to proceed to her destination, but we would recommend that she be dry-docked at the first opportunity following completion of the voyage.

Fees for this survey are fifteen dollars each, receipt of which is hereby acknowledged.

Port Warden.
Harbour Master.
Master SS. 'Longscar.'

PORT OF CHATHAM, N.B.

We, George T. Tait, port warden of the port of Chatham, Robert J. Walls, harbour master of the said port, and Alex. J. Loggie, of Chatham aforesaid, general merchant, do hereby certify that at the request of Robert Murray, Lloyds' agent at Chatham aforesaid, we held a survey on the damaged cargo of molasses and sugar now lying on the government wharf and adjacent warehouse at Chatham in the province of New Brunswick, salved and landed from the schooner *Minnie F. Crosby,* stranded on Escuminac reef at the entrance to the River Miramichi. We found:—

197 puncheons partly filled with molasses, but containing more or less sea water.

9 empty molasses puncheons.

32 tierces partly filled with molasses, but all containing more or less sea water.

3 empty molasses tierces.

124 barrels molasses all damaged with sea water.
21 empty molasses barrels.
184 barrels sugar all damaged by sea water.
1 empty sugar barrel.

After an examination of the above as it now lies, we condemn the same as damaged goods and recommend that it be sold for the benefit of all concerned.

Fees collected, $15.

Dated at Chatham, N.B., June 29, 1911.

APPENDIX No. 28.

REPORT OF THE PORT WARDEN OF THE PORT OF HALIFAX, N.S., FOR THE YEAR ENDED DECEMBER 31, 1911.

PORT WARDEN'S OFFICE,
HALIFAX, N.S., January 4, 1912.

SIR,—I have the honour to report that during the year ended December 31, 1911, there has been shipped from the port of Halifax to the port of Liverpool, Great Britain, 181,645 bushels wheat.

No live stock has been shipped from Halifax during the year 1911.

Surveys have been held on eighteen steamers and eleven sailing vessels, which arrived at this port in a damaged condition during the year. The necessary repairs were made to the vessels, and those of them bound to other ports proceeded to their destination, where they have arrived safely.

Th Bkt. 'C. R. C.' mentioned in my report of January 2, 1911, has been sold at this port and will be converted into a coal barge.

RECEIPTS AND EXPENDITURES of the Port Warden at Halifax, N.S., from January 1, 1911, to December 31, 1911.

Dr.			Cr.
To amount received as fees	$2,452 00	By paid assistants and office expenses	$1,084 43
		" Amount to Port Warden	1,367 57
	$2,452 00		$2,452 00

I hereby certify that the above is a true and correct statement of the receipts and expenditures of the port warden at Halifax, N.S., from January 1, 1911, to December 31, 1911.

NEIL HALL,
Port Warden.

APPENDIX No. 29.

REPORT OF THE PORT WARDEN OF THE INTERNATIONAL PIER, SYDNEY, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

Deputy Minister of Marine and Fisheries,

SIR,—I beg to submit my annual report of the international pier, Sydney, N.S., for the year ending December 31, 1911.

Date.	Vessel's Name.	Master.	Reg. Tonnage.	Cargo.	Place from	Place to	Draft forward	Draft aft.	Free board.	Mean draft.	Amount
1911.	*Steamer.*										
May 12..	Stormount	H. McMaster	1,231	Steel rails	Sydney, N.S.	Quebec, P.Q.	18'– 4"	20'– 2	4'– 1"	19'– 3"	8 00
" 20..	Fairmount	P. C. Telfer	1,184	"	"	"	17'– 0"	19'– 0"	.....	18'– 0"	8 00
" 25..	Kinmount	J. Wood	1,597	"	"	Montreal	17'– 0"	19'– 0"	7'– 2½"	18'– 0"	8 00
" 31..	Hans B	J. F. Christiamen	2,711	"	"	Prince Rupert, B.C.	22'–11"	23'– 6"	5'– 7½"	13'– 4½"	8 00
June 6..	Carleton	E. Groulx	830	"	"	Port Arthur, Ont.	13"– 0"	15'– 0"	.....	14'– 0"	8 00
" 6..	Molino	T. Haraldsen	688	Deals.	Chatham, N.B.	Brow Head for orders	14'– 8"	15'– 3"	.....	14'–11"	8 00
" 9..	Glenmount	H. Peters	1,246	Steel rails	Sydney, N.S.	Quebec, P.Q.	18'– 3"	20'– 2	4'– 1"	19'– 2½	8 00
" 12..	Terschelling	W. Fries	1,872	Deals.	Barachois, Que.	Manchester, U.K.	19'– 6"	20'– 0"	5'– 0"	19'– 8"	8 00
" 12..	Lakonia	W. E. Mitchell	3,046	Lumber.	Rivière du Loup.	Buenos Ayres, A.R.	25'– 0"	25'– 0"	16'– 6½"	25'– 0"	8 00
" 14..	Duart	J. O. Sullivan	2,008	Deals.	Newcastle, N.B.	Manchester, Eng.	20'– 8"	20'–10"	4'– 6"	20'– 9"	8 00
" 15..	Stormount	H. N. McMaster	1,231	Steel rails	Sydney, N.S.	Montreal			5'– 6"	17"– 8"	8 00
" 17..	Bangor	John Brown	2,202	Deals.	Campbellton, N.B	Dublin	22'– 0"	22'– 8"	22'– 4"	9'– 5"	8 00
" 19..	Gen. Consul Pallisen	C. Christemen	1,350	"	Cape Tormentine.	Belfast	20'– 0"	20'– 0"	2'– 5"	20'– 0"	8 00
" 23..	Glenmount	H. Peters	1,246	Steel rails	Sydney, N.S.	Montreal	18'– 3"	20'– 2"	4'– 1"	19'– 2½"	8 00
" 26..	Newlands	T. A. Smith	1,937	Sugar.	Antigua, W.I.	"			4'– 5½"	20"–10"	8 00
" 26..	Brattingsborg	M. Svensen	1,991	Deals.	Chatham, N.B.	Sharpners, Eng.	20'– 7"	20'–11"	4'– 6"	20"– 9"	8 00
" 28..	Fairmount	P. C. Telfer	1,186	Steel rails	Sydney, N.S.	Montreal	17'– 6"	19'– 6"	4'– 9"	18"– 6"	8 00
July 5..	Kinmount	John Wood	1,597	"	"	Quebec	16'– 8"	20'– 0"	7'– 2½"	18"– 4"	8 00
" 10..	Carleton	E. Groulx	830	"	"	Port Arthur, Ont.				14'– 3"	8 00
" 13..	Westmount	A. Milligan	1,171	"	"	"	13'– 8"	14'– 7"	.....	14"– 2"	8 00
" 17..	Nyanza	D. McAllister	2,642	Sugar.	Antigua, W.I.	Montreal	22'– 3"	22'– 7½"	5'– 5"	22"' 5½"	8 00
" 20..	Stormount	H. N. McMaster	1,231	Steel rail.	sSydney, N.S.	Quebec	18'– 4"	20'– 2"	4'– 1"	19"– 3"	8 00
" 24..	Domira	J. W. Baker	2,001	Sugar.	Trinidad, W.J.	Montreal			4'– 5"	20"–10"	8 00
" 24..	Obi	James Evans	1,951	Deals.	Rimouski	Bristol	19'– 8"	20'– 0"	8'– 5½"	19"–10"	8 00
" 27..	Glenmount	H. Peters	1,246	Steel rails	Sydney, N.S.	Montreal	18'– 3"	20'– 2"	4'– 1"	19"– 2½"	8 00
" 31..	Rubens	T. French	2,322	Deals.	Campbellton, N.B	Sharpners	21'– 0"	21'– 2"	4'– 8½"	21'– 1"	8 00
" 31..	Molino	T. Haroldsen	688	"	Chatham, N.B.	Newry	13'– 6"	14'– 9"	.....	14"–10"	8 00
Aug. 9..	Fairmount	P. C. Telfer	1,184	Steel rails	Sydney, N.S.	Quebec, P.Q.	17'– 6"	19'– 6"	4'– 9"	18"– 6"	8 00
" 12..	Kinmount	John Wood	1,597	"	"	Port Arthur, Ont.	13'– 0"	16'– 0"	.....	14". 6"	8 00

Aug.	16..	Carleton	E. Groulx	830	Steel rails	Sydney, N.S.	Port Arthur, Ont.	12′–10″	15′– 8″	.....	14′– 3″	8 00
"	19..	Westmount	H. N. McMaster	1,171	"	"	"	12′– 8″	14′– 7″	.....	14′– 2″	8 00
"	18..	Whitefield	H. Johns	1,560	Deals	Quebec	Barcelona	20′– 6″	20′–10″	2′– 7″	20′– 8″	8 00
"	24..	Stormount	H. N. McMaster	1,231	Steel rails	Sydney, N.S.	Port Arthur, Ont.	13′– 6″	15′– 0″	.....	14′– 3″	8 00
"	23..	Longsear	J. Willis	1,773	Deals	Chatham, N.B.	Manchester	19′–11″	20′– 3″	4′– 0½″	20′– 1″	8 00
Sept.	5..	Hildawell	W. R. Willis	1,609	"	Dalhousie, N.B.	London	18′– 8″	20′– 0″	4′– 8½″	19′– 4″	8 00
"	6..	Glenmount	H. Peters	1,246	Steel rails	Sydney, N.S.	Port Arthur, Ont.	13′– 6″	15′– 0″	.....	14′– 3″	8 00
"	12..	Kinmount	John Wood	1,597	"	"	"	13′– 0″	16′– 0″	.....	14′– 6″	8 00
"	16..	Fairmount	P. C. Telfer	1,184	"	"	"	13′– 0″	15′– 0″	.....	14′– 0″	8 00
"	19..	Carleton	E. Groulx	830	"	"	"	12′– 0″	16′– 0″	2′– 5″	14′– 0″	8 00
"	21..	Westmount	C. Milligan	1,171	"	"	"	13′– 2″	15′– 2″	.....	14′– 2″	8 00
"	25..	Glenaen	T. A. Taylor	2,065	Deals	New York	St. Petersburg, Rus.	21′– 0″	21 – 2″	10′– 3″	21′– 1″	8 00
"	28..	Stormount	H. N. McMaster	1,231	Steel rails	Sydney, N.S.	Montreal	14′– 0″	16′– 4″	.....	15′– 2″	8 00
Oct.	11..	Benedick	John Roberts	1,758	Deals	Chatham, N.B.	Manchester	22′– 5″	22′– 5″	5′–10″	22′– 5″	8 00
"	12..	Sinbad	M. Hicks	538	Steel rails	Sydney, N.S.	Murray Bay, P.Q.	14′– 5″	15′– 0″	1′– 6″	14′– 8½″	8 00
"	27..	Carleton	E. Groulx	830	"	"	Port Arthur, Ont.	12′– 0″	16′– 0″	2′– 5″	14′– 0″	8 00
Nov.	24..	Rakaia	— Dunn	3,660	Gen. carg.	Montreal	Melbourne, Aus'lia.	20′– 9″	24′– 9″	9′– 8″	22′– 9″	8 00
"	30..	Britannic	— Grotners	1·507	Pitch in bulk	Sydney, N.S.	Antwerp, Belgium	19′–10″	21′– 0″	.....	20′– 5″	8 00
Dec.	30..	Cape Breton	A. H. McDonald	1,109	Steel rails	"	Portland, Maine	16′– 8″	17′– 9″	.....	17′– 3½″	8 00
				72,916								384 00

I certify that the above is a true and correct account of port warden's record for the year ending December 31, 1911.

NELSON H. TOWNSEND,
Port Warden.

APPENDIX No. 30.

Moncton, N.B., January 7, 1912.

To the Honourable,
The Minister of Marine and Fisheries,
Ottawa.

Sir,—In pursuance of the provisions of section 899, chapter 113, of the Canadian Shipping Act, I beg to submit my annual return for the year 1911, as port warden for the Port of Moncton, N.B.

I beg to report that I was called upon to make a survey on the hatches of the schr. *Basile* on her arrival on April 27, 1911, on a voyage from Barbadoes to Monoton, with a cargo of molasses.

Also held a survey on the hatches of the same vessel on August 3, 1911, from Barbadoes to Moncton, with a cargo of molasses.

I made my report, having found everything in good condition. No casualties occurred to shipping in Port of Moncton during year 1911.

Receipts of office have been ten dollars.

I have the honour to be, sir,

Your obedient servant,

R. C. BACON,
Port Warden.

APPENDIX No. 31.

REPORT OF THE PORT WARDEN OF NORTH SYDNEY, N.S., FOR THE YEAR ENDED DECEMBER 31, 1911.

North Sydney, December 31, 1911.

Deputy Minister of Marine and Fisheries,

Sir,—I have the honour to submit my annual report as port warden for the year ended December 31, 1911.

I made surveys on the following vessels:—

SS. *Millville, Molena, Serrona, Bernie, Canada, Cape Ness, Weymouth, Sargasso, Degamo, Millville, Honseat, Mashaneu, Armyr, Arelight, Lavanda, Elva M., Hattie C.*

I am, sir, your obedient servant,

W. H. KELLY,
Port Warden.

APPENDIX No. 32.

REPORT OF THE PORT WARDEN OF THE PORTS OF PRINCE EDWARD ISLAND FOR THE YEAR ENDING DECEMBER 31, 1911.

CHARLOTTETOWN, P.E.I., December 30, 1911.

ALEX. JOHNSTON, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the business of my office for the year ending December 31, 1911.

Navigation remained open this year later than usual, which enabled vessels to load cargoes and proceed to sea in safety.

Receipts and expenditures of the port warden's office for the year ending December 31, 1911.

Received from inspecting general cargoes	$34 00
" " hatches	11 00
" other surveys	16 00
Total receipts	$61 00
Paid deputy for services	5 00
Balance	$56 00

I am, sir, your obedient servant,

H. P. WELSH,
Port Warden.

APPENDIX No. 33.

REPORT OF THE PORT WARDEN OF PORT HAWKESBURY, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

Port Hawkesbury, N.S., January 12, 1912.

Alex. Johnston, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

Sir,—I have the honour to submit my annual report of the doings of this office including a statement of the fees collected by me and a statement of expenses for the year ending December 31, 1911.

Two surveys on the schooner *Wilkie IV*	$23 00
One survey on schooner *Empress*	10 00
	$33 00
Paid William Duff, shipwright	5 00
Paid J. J. Hennesey, master mariner	5 00
Paid John Langley, shipwright	5 00
	$15 00
Amount reverting to Port Warden	18 00

I am, sir, your obedient servant,

NICHOLAS MARTIN,
Port Warden.

APPENDIX No. 34.

REPORT OF THE PORT WARDEN OF THE PORT OF QUEBEC, QUE., FOR THE YEAR ENDING DECEMBER 31, 1911.

QUEBEC, QUE., D cember 30, 1911.

ALEX. JOHNSTON, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As requested by section 30 of the Port Warden's Rules, I beg respectfully to submit the following annual statement of the business transacted in this office during the year ending December 30, 1911.

Fifty-eight steamers were surveyed for clearance outwards after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal. Forty-nine steamers were surveyed, their hatches opened and cargo examined on their arrival from sea.

Three steamers and two barges were surveyed on account of collison damage.

Six steamers and one barge were surveyed on account of grounding and stranding in the River St. Lawrence, below and above Quebec.

Three steamers, one tug and one bateau were surveyed and value estimated for general average purpose.

Eight surveys were held on damaged goods in store and on wharfs, The receipts and disbursements of this office are as follows.

Receipts	$1,121 50
Expenses	270 00
	$851 50

Two steamers took live stock at Quebec during the season, amounting to 578 cattle. No fees were collected for cattle. Two steamers took part cargo of grain.

With much respect, I remain,

Your obedient servant

ALEX. RUSSELL,
Port Warden.

APPENDIX No. 35.

REPORT OF THE PORT WARDEN OF THE PORT OF ST. ANDREWS, N.B., FOR THE YEAR ENDING DECMBER 31, 1911.

St. Andrews, N.B., January 12, 1912.

Alex. Johnston, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

Sir,—I beg to submit my annual report of the work performed by me during the past year, in the capacity of port warden.

On January 15, I surveyed the hatches of the schooner *Pasaquid,* Captain Densimore, from Boston, Mass, with a cargo of fertilizer. I found the hatches properly protected and the cargo in good order. Fees, $2.50.

On March 22, I surveyed the hatches of the schooner *McIntyre,* 96 tons register, Captain C. W. Cole; cargo in good order. Fees, $2.50.

On June 21 I surveyed the hatches of the schooner *Silver Leaf,* Captain Talter; found the cargo of cement from New York, in good order. Fees, $2.50.

Total fees, $7.50.

I am, sir, your obedient servant,

JOHN WREN,

APPENDIX No. 36.

REPORT OF THE PORT WARDEN OF THE PORT OF WESTPORT, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

Westport, N.S., January 2, 1912.

Alex. Johnston, Esq.,
Deputy Minister of Marine and Fisheries.

Sir,—I have the honour to submit my annual report for the year ending December 31, 1911.

I have not had occasion to visit any vessels or collect any dues.

I am, sir, your obedient servant,

GEORGE WELCH,
Port Warden

APPENDIX No. 37.

REPORT OF THE PORT WARDEN OF THE PORT OF LOUISBURG, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

LOUISBURG, N.S., December 31, 1911.

A. JOHNSTON, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

SIR,—I beg to submit the following report as port warden for the port of Louisburg, N.S., for year ending December 31, 1911:—

April 26.—Held survey on steamship *Rosalind*, of Liverpool, Eng., 1,634 tons register, J. R. Williams, master. Found ship had suffered damage to frames 8, 9 and 10, on port side; damage caused by being in ice floes in Gulf St. Lawrence, damage well above water line. Ordered ship proceed on her voyage to Montreal, there to effect repairs.

November 29.—Held survey on schooner *Pearl Evelyn*, of Lunenburg, N.S., 99 tons register, Wm. McKay, master. Found ship with part bulwarks gone, boat carried away, tarpaulins washed from hatches and other damage to superstructure. Ordered necessary repairs made here and boat supplied. On repairs being made in a satisfactory manner, gave order for ship to proceed on voyage to Halifax, N.S.

December 12.—Held survey on schooner *Limelight*, of Charlottetown, P.E.I., 126 tons register. Captain A. Bushby. Vessel had grounded on eastern and Battery island; found part of fore foot started off, vessel otherwise tight and in seaworthy condition. Ordered vessel to proceed to nearest marine railway for repairs.

December 18.—Held survey on steamer *Anticosti*, 1121 tons register, of Liverpool, N.S., found steamer had tail shaft broken, otherwise good and seaworthy, ordered ship be sent to her destination (Halifax, N.S.) for repairs, by a capable ocean going tugboat.

I have the honour to be, sir,
Yours very respectfully,

DONALD J. MATHESON,
Port Warden.

APPENDIX No. 38.

REPORT OF THE PORT WARDEN OF NANAIMO, B.C., FOR THE YEAR ENDING DECEMBER 31, 1911.

NANAIMO, B.C., January 2, 1912.

The Deputy Minister Marine and Fisheries,
Ottawa.

SIR,—I beg to report that I made no collections at this office during the past year as my services were not called for.

I have the honour to be, sir,
Your obedient servant,

J. S. KNARSTON,
Port Warden.

APPENDIX No. 39.

REPORT OF THE PORT WARDEN OF THE PORT OF VANCOUVER, B.C., FOR THE YEAR ENDING DECEMBER 31, 1911.

VANCOUVER, B.C., January 8, 1912.

Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—In compliance with R.S. 113, chap. XIII. section 899, I have the honour to herewith make my report.

I was appointed to the position of port warden on January 30, 1911, and have faithfully carried out the instructions contained in R.S. 113, chap. XIII, to the best of my ability.

The surveys carried out on the hatches of vessels arriving at this port and also on the cargoes have been attended to upon request and gave satisfaction to all parties concerned.

Fees to the amount of eight hundred and fifty dollars have been collected from date of appointment to the close of the year.

By fees collected		$850 00
To expenses in connection with office—		
" travelling expenses at $8 per month	96 00	
" stationery	25 00	
" stamps and petties	10 00	
		131 00
By balance received by A. H. Reed		719 00

I am, sir, your obedient servant,

A. H. REED.
Port Warden.

APPENDIX No. 40.

REPORT OF THE PORT WARDEN OF WINDSOR, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

HANTSPORT, N.S., January 8, 1912.

Deputy Minister of Marine and Fisheries.

SIR,—I beg to report that I had four surveys during the year 1911, the first on the American schooner *Theresa Wolfe,* for which I received the fee of $8. This survey was held on May 18, 1911. The other three were held on November 20 and 29, on the schooner *Genevieve* of St. John, N.B. The fees from these inspections were $24. Total fees, $32.

I am, sir, your obedient servant,

WILLIAM FOLKER.
Port Warden.

APPENDIX No. 41.

REPORT OF THE PORT WARDEN OF THE PORT OF MONTREAL FOR THE YEAR ENDING DECEMBER 31, 1911.

MONTREAL, January 5, 1912.

Honourable J. D. HAZEN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour by direction of the council of this board and in compliance with section 31 of the Act governing the Port Warden Office, 45 Vic., Chap. 45, to transmit herewith documents as follows:—

1. Port Warden's annual report for the year 1911.
2. Audited statement of receipts and expenditures of the port warden office for the year ending December 31, 1911.
3. Statement of investments of port warden surplus funds.

I have the honour to be, sir,
Your obedient servant,

GEO. HADRILL,
Secretary.

OFFICE OF THE PORT WARDEN,
MONTREAL, December 27, 1911.

To the President and Council
of the Montreal Board of Trade.

GENTLEMEN,—I have the honour to submit the annual report of the business of the Port Warden's Office with the statements of exports, receipts and expenditure for the season of navigation, 1911.

Owing to the services rendered by the government ice-breaking steamers, the harbour and river were open, clear of ice and buoys, all laid before the ocean steamships were due to arrive.

Navigation opened by the arrival from Quebec of the steamers *Lady of Gaspe* on April 26, and the *Amethyst* and *Cascapedia* on April 27.

The first ocean steamship to arrive was the SS. *Royal George* from Avonmouth, at 7.30 a.m., April 29.

Early in the season the Straits of Belle Isle were open and clear of ice from the westward but were badly obstructed and blocked with field ice and bergs to the eastward. The SS. *Lake Manitoba* passed through the strait at 6.30 a.m., May 29, but was detained by heavy field ice and bergs on the outside of the strait for 42 hours before getting clear.

Navigation continued to be impeded more or less by ice on the Belle Isle route till the middle of June.

The only disaster of a serious nature we have to record this season between Quebec and this port, was the stranding of the SS. *Lake Champlain* off Laurier pier, on October 27, in a snow storm.

After being lighted and floated she was taken to dry dock at Quebec for repairs.

This season for the first time in history of the port, the house flag of the Cunard Steamship Company, Limited, was seen flying in the harbour, they having inaugurated a passenger service from Montreal to London, calling at Southampton, which appears to be successful.

The last ocean steamship to sail hence this season was the SS. *Bray Head,* for Belfast. She left this port at 1.30 p.m. on Sunday, December 3, and sailed from Quebec at 6.30 a.m. on December 8.

No ocean or foreign-going sailing ship visited our port this season, they are, I fear a thing of the past.

Three hundred and ninety-eight transatlantic or foreign-going vessels reported at this office this season with a tonnage of 1,714,354 tons, against 399 vessels and 1,638,581 tons last season, a decrease of 1 vessel and an increase of 75,773 tons.

The business to the lower ports this season consisted of: Entered, 352 vessels of all classes with a tonnage of 637,431 tons, against 333 vessels and 570,705 tons, an increase of 19 vessels and 66,726 tons over last season.

Clearances of vessels loaded for the lower ports this season, 108 vessels of all classes with a tonnage of 85,708 tons, against 99 vessels of 73,681 tons, an increase of 9 vessels and 12,027 tons over last season.

The shipments of various kinds for the past season manifested and reported at this office are as per attached statement.

All of which is respectfully submitted.

ARCHIBALD REID,
Port Warden.

STATEMENT of Investments of the Surplus Funds of the Port Warden's Office at Montreal, and for interest accruing therefrom for the year ending December 31, 1911.

Feb.	16,	1880	Expended	$ 2,380 34	in purchase of	Dominion Government stock.....	$ 2,300 00	at 3½%	per annum for	12½ months.....	$	80 50
Feb.	18,	1884	"	5,031 34	"	City of Montreal bonds, Nos. 1720, 1721, 1722, 1723, and 1724, for $1,000 each.....	5,000 00	at 4%	"	"		200 00
March	14,	1887	"	10,320 75	"	City of Montreal Consolidated Fund Stock.....	10,000 00	at 4%	"	"		400 00
Jan.	6,	1906	"	10,000 00	"	Montreal harbour bonds.....	10,000 00	at 4%	"	"		400 00
Jan.	23,	1907	"	4,000 00	"	" "	4,000 00	at 4%	"	"		160 00
Jan.	5,	1908	"	3,090 00	"	" "	3,000 00	at 5%	"	"		150 00
April	27,	1909	"	4,090 00	"	" "	4,000 00	at 5%	"	"		200 00
July	20,	1910	"	7,227 50	"	Dominion Cotton bonds.....	7,000 00	at 6%	"	"		420 00
						Loans to Montreal Board of Trade building fund.....	70,000 00	at 4%	"	"		2,800 00
						Total investments.....	$115,300 00			Total interest..	$	4,810 50

NORMAN WIGHT,
Treasurer Montreal Board of Trade

GEO. HADRILL,
Secretary Montreal Board of Trade.

MONTREAL, January 5, 1912.

COMPARATIVE statement of shipments 1910-11, as per manifests reported at the Port Warden's Office.

Description.		1911.	1910.	Increase 1911.	Decrease 1911.
Wheat	bus.	18,017,235	20,423,775	.....	2,406,540
Buckwheat	"	29,099	110,908	.....	81,809
Peas	"	37,097	38,006	.....	909
Barley	"	81,864	486,929	.....	405,065
Oats	"	5,726,780	3,271,124	2,455 656	
Corn	"	5,705,864	2,708,307	2,997,557	
Flaxseed	"	17,230	135	17,095	
		29,615,169	27,039,184	5,470,308	2,894,323
				2,894,323	
Total increase for the year 1911		.....	.....	2,575,985	
Flour and meal	Bbls.	1,836,732	1,238,790	597,942	
Ashes	"	591	669	.....	78
Apples	"	259,095	157,283	101,812	
Cheese	Boxes	1,797,611	1,888,769	.....	91,068
Butter	Pkgs.	132,847	29,540	103,307	
Eggs	"	4,791	.....	4,791	
Boxmeats	"	225,605	181,302	44,303	
Lard	"	559,643	411,621	148,022	
Pulp	Tons.	6,102	6,023	79	
Paper	"	18,867	16,992	1,875	
Sundries	"	104,260	86,929	17,331	
Hay	"	58,903	52,630	6,273	
Oilcake	"	19,327	26,716	.....	7,389
Minerals	"	14,127	14,341	.....	214
Dried grains	"	232	.....	232	
Lumber	Ft. B M.	95,871,940	109,076,306	.....	13,204,366
Cattle	Head	45,283	72,686	.....	27,403
Horses and mules	"	458	472	.....	14
Sheep	"	3,454	552	2,902	

STATEMENT of Over Sea or Foreign-going Vessels.

Description.	1911.		1910.	
	No.	Tons.	No.	Tons.
Steamers	398	1,714,354	398	1,636 960
Sailing vessels	.....	.....	1	1,621
	398	1,714,354	399	1,638,581

Decrease of 1 vessel and increase of 75,773 tons.

STATEMENT of Lower Port Arrivals.

Description.	1911.		1910.	
	No.	Tons.	No.	Tons.
Steamers	321	634,544	297	567,338
Sailing vessels	31	2,887	36	3,367
	352	637,431	333	570,705

Increase of 19 vessels and 66,726 tons.

Clearances for Lower Ports.

Description.	1911.		1910.	
	No.	Tons.	No.	Tons.
Steamers	88	83,814	77	71,601
Sailing vessels	20	1,894	22	2,080
	108	85,708	99	73,681
Increase of 9 vessels and 12,027 tons.				
29th Dec. Revenue, 1911				$9,403 28
" Revenue, 1910				8,329 84
Increase				$1,073 44

PORT WARDEN'S OFFICE.

STATEMENT of Receipts and Expenditure for the year ending December 31, 1911.

DR.

Dec. 31, 1910.		
To Balance cash in bank	$ 9,150 23	
Balance cash in Port Warden's hands	105 56	
		$ 9,255 79
Dec. 31, 1911.		
Revenue derived as under:—		
18,017,235 bushels wheat		
29,099 " buckwheat		
37,097 " peas		
81,864 " barley		
5,726,780 " oats		
5,705,864 " corn		
17,230 " flaxseed		
19,327 tons oilcake		
14,127 " minerals		
58,903 " hay		
232 " dried grains		
45,741 head oxen, horses and mules		
3,454 " sheep		
591 bbls. ashes		
1,836,732 " flour and meal		
259,095 " apples	647 73	
287,811 tons sundries	5,756 22	
95,871,940 feet sawn lumber	479 33	
Port Warden's fees (inwards)	214 50	
Port Warden's fees (outwards)	2,111 00	
Special surveys	91 00	
Damaged cargo certificates	103 50	
		9,403 28
Interest, bank account	226 50	
Interest, treasurer Board of Trade	4,810 50	
		5,037 00
		$ 23,696 07
Jan. 1, 1912.		
To balance	$ 12,468 93	

CR.

Dec. 31, 1911.		
By Paid salaries, Port Warden's and staff	$ 9,464 94	
Board of Trade, secretarial expenses	1,000 00	
Rent, fuel and taxes	318 23	
Telephones, light, cleaning office, &c	163 68	
Lloyd's register and shipping papers	71 34	
Books, printing and stationery	49 75	
Cab and car-fares	17 45	
Miscellaneous expenses	36 75	
Alf. W. Hadrill, auditor	100 00	
		$11,227 14
Outstanding accounts		22 73
		11,249 87
Balance cash in bank	12,306 14	
Balance cash in Port Warden's hands	140 06	
		12,446 20
		$ 23,696 07

Audited and found correct,

MONTREAL, Jan. 3, 1912.

ALF. W. HADRILL,
Auditor.

ARCHIBALD REID,
Port Warden.

APPENDIX No. 42.

REPORT OF THE PORT WARDEN OF THE PORT OF VICTORIA AND ESQUIMALT, B.C., FOR THE YEAR ENDING DECEMBER 31, 1911.

January 5, 1912.

Deputy Minister of Marine and Fisheries,

SIR,—I have the honour of submitting my report as port warden of the ports of Victoria and Esquimalt for the year ending December 31, 1911.

I received for the inspection of hatches and cargoes	$506 00
" two certificates	2 00
Total amount	$508 00

I have the honour to be, sir,
Your obedient servant,

CHARLES CLARKE,
Port Warden.

APPENDIX No. 43.

REPORT OF THE PORT WARDEN OF THE PORT OF YARMOUTH, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

YARMOUTH, N.S., January 2, 1912.

Deputy Minister of Marine and Fisheries,

SIR,—Enclosed please find my annual report for the year ending December 31, 1911.

I collected surveyor's fees of $216 for making 22 surveys on 15 vessels.

I am, sir, your obedient servant,

GEORGE L. WETMORE,
Port Warden.

APPENDIX No. 44.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF ALBERTON, PRINCE COUNTY, P.E.I.

Pilotage Commissioners.	Appointed.	Change.
Names		
James F. White	O. C. 25 Sept., 1897.	James S. Gordon, Commissioner, deceased.
John T. Profit	O. C. 25 Aug., 1905.	

Name, age, and earnings of pilot. *Name.*	Age	Appointed.	Earnings.
No. 5, Charles Gallant	47	16 Oct., 1910.	No return.

No apprentice pilots in this Authority.
No white flag ships licensed during the year.
Navigation at this port opens 24th April and closes 15th December.

JAMES F. WHITE,
Chairman.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage.

The rates of pilotage dues at the ports within said pilotage district shall be as follows:—

	Per foot draft. Inwards.	Outwards.
Vessels of 120 tons and under 250 tons	$1 00	$0 80
" 250 tons and upwards	1 50	1 00

And on all vessels under 120 tons, accepting the services of a pilot, eight cents per ton inwards and six cents per ton outwards.

APPENDIX No. 45.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF BRAS D'OR, VICTORIA COUNTY, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS

Pilotage Commissioners	Appointed	Changes
Names		
Captain Daniel Livingstone	O. C. 20 May, 1891	Captain Daniel Livingstone resigned in December, 1911
Captain Daniel McRae	O. C. 31 Aug., 1906	
J. Donald McRae	O. C. 31 Aug., 1906	
Geo. Hallifield	O. C. 31 Aug., 1906	

NAMES AND AGE OF PILOTS AND EARNINGS

	Age	Appointed	Earnings
Names.			
Archibald Livingstone	62	1894	
George McKay	60	1894	
Daniel Campbell	48	1894	
William Carey	59	1895	
Ingraham R. Carey	42	1897	
Donald McLean	58	1898	
Nicholas Murphy	53	1909	

No apprentice pilots in this Authority.
No white flag ships licensed during the year.
Any monies collected for pilotage were distributed anong the pilots.

GEORGE HALLIFIELD,
Secretary.

December 31, 1911.

SCALE of Pilotage Fees for the Pilotage district embracing the ports, harbours and bays in Bras d'Or Lakes in the Great and Little Bras d'Or belonging to the County of Victoria.

Vessels of	Big Bras d'Or.	Port Devis.	St. Ann's.	Little Narrows.	Grand Narrows to boundary line of District.	Baddeck.
Tons.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
120—200	5 00	7 00	7 00	11 00	12 50	8 00
200—250	6 00	8 00	8 00	14 00	14 50	11 00
250—300	7 00	9 00	9 00	16 00	16 50	12 00
300—350	8 00	12 00	12 00	17 00	17 00	12 00
350—400	9 00	12 00	12 00	18 00	18 00	13 00
400—450	11 00	14 00	14 00	19 00	19 50	15 00
450—500	11 00	14 00	14 00	19 00	19 50	15 00
500—600	12 00	15 00	15 00	19 00	20 00	16 00
600—700	13 00	16 00	16 00	20 00	21 00	17 00
700—800	14 00	17 00	17 00	21 00	22 00	18 00
800—900	15 00	18 00	18 00	22 00	23 00	19 00
900—1,000	16 00	19 00	19 00	23 00	24 00	20 00
1000—1,500	18 00	21 00	21 00	24 00	25 50	22 00
1500—2,000	21 00	24 00	24 00	26 00	27 50	25 00

APPENDIX No. 46.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF BATHURST, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
John J. S. Hackey	O. C. 16th May, 1903	A vacancy exists on the Commissioners' Board since 1910.
White, Henry	O. C. 20th Sept., 1904.	
Richard Southwood	O. C. 21st June, 1909.	
Thomas Canty	O. C. 30th Aug., 1907.	
P. J. Venoit, Secretary	Appointment not confirmed.	

NAMES OF PILOTS, AGE AND EARNINGS.

Names.	Age.	Appointed.	Earnings.
William H. Daley	53	1892	$273 95
David Ronalds	46	1900	290 53
Peter L. Roy	45	1907	119 58
			684 06

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

Vessels which paid Pilotage Fees for the Year.	Tonnage.	Amount pd.
		$ cts.
British steam vessels	7,123	184 43
British sailing vessels	575	75 30
Foreign steam vessels	9,845	353 93
Foreign sailing vessels	1,454	70 40
	18,997	684 06

RECEIPTS AND EXPENDITURES.

Receipts.	$ cts.	Expenditures.	$ cts.
For pilotage	684 06	Paid to Commissioners five per cent on amount of pilotage collected	
		Commissioners	13 62
		To Secretary	20 19
		To pilots	650 25
	684 06		684 06

The rates of pilotage dues for the time being in force in this district including the amounts and descriptions of all charges upon shipping made in respect of pilotage.

Sailing Vessels.

Inwards—		
To forks of channel	$1 20	per foot.
To above said forks	1 40	"
Outwards—		
From below forks	0 80	"
From above forks	1 00	"

Steamers.

In addition to the rates paid by sailing vessels steamers shall pay one cent register on net ton inwards or outwards, but shall not be required to pay the additional fee both ways; and in the event of a change of pilots, going outwards, this additional fee shall be divided equally betweeen the pilots concerned.

P. J. VENIOT,
Secretary.

December 31, 1911.

APPENDIX No. 47.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF BAIE VERTE AND CAPE TORMENTINE, FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Hazen Copp	O. C. June 25, 1901.	
Capt. Jacob Allen	O. C. June 25, 1901.	
James Noonan	O. C. June 25, 1901.	
Harvey Allen	O. C. June 25, 1901.	
Fred. Turner	O. C. Sept. 16, 1910.	

Rates of pilotage in the district—	
Sailing vessels, per foot draught of water	$1 50
Steam vessels, per foot draught of water	2 00

NAMES AND AGE OF PILOTS AND EARNINGS.

Names.	Age.	Earnings.
John A. Reid	46	$145 50
Mont Allen	49	145 50
		291 00

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

Vessels which paid pilotage fees for the year—

Number.		Tonnage.
2	British steam vessels	2,322
	British sailing vessels	.....
3	Foreign steam vessels	4,026
	Foreign sailing vessels	.....

Pilge boats—

Number.		Cost of Maintenance.
1	Twenty-five dollars	$ 25 00

Money distributed among the pilots.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage.

Sailing vessels: per foot draught of water. $1 50
Steamers: per foot draught of water. 2 00

APPENDIX No. 48.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF BUCTOUCHE, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
John C. Ross	O. C. April 28, 1877	Venant Bourque, does not appear to be Commissioner any more.
B. X. Foley	O. C. April 28, 1877.	
James McNairn	O. C. April 28, 1877.	
Daniel T. Laundry	O. C. July 2, 1887.	

NAMES OF PILOTS, AGE, AND EARNINGS.

Names.	Age.	Appointed.	Earnings.
Joseph Crossman	60	1898	$101 00
John Mooney	37	1907	53 00
Peter A. Smith	45	1907	.....
			$154 00

2 pilots of this Authority have forfeited their license.
1 pilot has resigned and removed to the United States.
No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	Tonnage.	Amount paid.
3 British steam vessels, coal carriers	755	$99 00
2 British sail vessels, schooners, optional	197	20 00
1 Foreign sailing barkentine	204	35 00
	1,156	$154 00

The money thus earned by the pilots was divided among them, and expenses were defrayed by them also.

PILOTAGE BOATS.

1. Eva	Cost of maintenance—repairing sails, &c	$4 00
2.	" " " "	3 50
3. Alva	" " " and repainting	4 50
		$12 00

Navigation at this port began on April 20th and closed on November 28th.

JOHN C. ROSS,
Secretary.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage.

Pilotage fees are charged as per section 12 of rules and regulations for the district, viz., One dollar and fifty cents ($1.50) per foot draught of water, both inward and outward bound.

No other compulsory charge in respect of pilotage. When vessel is taken by pilot over the reef from anchorage ground outside the bar the charge is five dollars, but this is not compulsory.

APPENDIX No. 49.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF CARAQUET, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS

Names	Appointed	Changes
Colson Hubbard	O. C. 11 Nov., 1881	None.
George Le Riche	O. C. 6 Apr. ,1903	"
Charles L. Robichaud	O. C. 29 June, 1910	"
Honore Duguay	O. C. 29 June, 1910	"

NAMES OF PILOTS, AGE AND EARNINGS.

Names.	Age	Appointed	Earnings.
Charles Vibert			$ 140 00
Lazuar Gauvin			
Joseph E. LeBouthillier			
Alexander J. Wilson			56 00
James Vanteigne			15 00
Pierre E. Le Bouthillier			
Theotine Le Bouthillier			
Joseph T. Cheasson			52 80
Edward LeBouthillier			160 60
			$424 40

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number	——	Tonnage	Amount paid.
5	British sailing vessels	882	$ 123 60
1	Foreign steam vessels	873	30 80
10	Foreign sailing vessels	4,955	294 20
		6,715	$ 448 60

RECEIPTS AND EXPENDITURES.

Paid by the ships piloted to pilots directly:—			
Charles Vibert	$ 2 00	Paid for paper and postage	$ 1 00
Pierre LeBouthillier	2 00	Salary secretary	17 00
Theotime LeBouthillier	4 00		
Joseph E. LeBouthillier	5 00		
Joseph F. Cheasson	1 00		
Edward E. LeBouthillier	1 00		
James T. Vanteigne	1 00		
Alex. J. Wilson	1 00		
Lazaur Gauvin	1 00		
	$ 18 00		$ 18 00

No special pilotage boats.
Navigation at this port opens May 1st and closed November 15th

C. HUBBARD,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage:—
Pilotage inwards, $1.20; outwards, $1 foot.
This is the only charge in respect to pilotage in this district.

APPENDIX No. 50.

REPORT OF PILOTAGE COMMISSIONERS FOR THE DISTRICT OF CHARLOTTE COUNTY, N.B., FOR THE YEAR ENDING DECEMBER 31, 1912.

Names of Pilotage Commissioners:—Samuel Johnson, Jesse Dustan, R. H. Keay; Appointed 1909.

Name of pilot:—Joseph Boyd, age, 74; appointed, 1862; earnings, $210.

Number apprentice pilots:—None.

White flag ships licensed:—None.

STATEMENT OF VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	——	Tonnage	Amt. paid
2	British sailing vessels	284	$ 48 00
6	Foreign sailing vessels	1,650	162 00
		1,934	$210 00

No pension relief.
Pilotage boats:—
Crusoe, Statement of cost of maintenance:—$100.
Navigation in this port open the year round.

R. H. KEAY,
Secretary.

December 31, 1911.

21—23½

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage.

All vessels brought into any port or harbour or landing place in the county of Charlotte, or departing therefrom, and liable by law to pay pilotage, shall be chargeable with or pay the rates of pilotage hereinafter named.

1. From Seal islands, Cross Islands, Little river, southwest ledges of Grand Manan, Kents island, Long Island bay, Moose river and Bailey Mistake to St. Andrews, St. Stephen or any harbour or loading place in the county of Charlotte (except Campobello or the Lines), pilotage inwards or outwards, $2.25 per foot.

2. From North Head of Grand Manan, Beaver Harbour and West Quoddy lighthouse to any port or harbour in the county of Charlotte (except Campobello or the Lines), pilotage inwards or outwards, $1.60 per foot.

3. From Head Harbour lighthouse to any port or harbour in the county of Charlotte, pilotage inwards or outwards, $1.50.

4. From or to Campobello or the Lines, the pilotage inwards or outwards to be 20 cents per foot less than the above rates.

5. From Eastport or Green's point to any port or harbour in the county of Charlotte, pilotage inwards or outwards, $1 per foot.

6. From November 1 to April 1, inward and outward bound vessels to pay 20 cents per foot over and above the rates above named.

7. Removing a vessel to or from St. Andrews harbour to Ballast Ground vessels from 80 tons to under 300 tons, $2.50; 300 tons or upwards, $3.

8. Removing a vessel from one loading place or harbour to any other landing place or harbour inside St. Andrew's bay, vessels from 80 tons to 200 tons, $4; over 200 tons to 300 tons, $5; over 300 tons to 400, $6; exceeding 400 tons, $8.

9. Removing a vessel from any harbour or loading place inside St. Andrew's bay to any harbour or landing place outside St. Andrew's bay and within the county of Charlotte, pilotage inward or outwards, vessels of 80 tons and under 200 tons, $6; 200 tons and under 300 tons, $8; 300 tons and under 400 tons, $10; 400 tons and upwards, $12.

APPENDIX No. 51.

REPORT OF CANADIAN GOVERNMENT STEAMER *EUREKA*, CRUISING OFF FATHER POINT FOR THE YEAR ENDING DECEMBER 31, 1911.

Number of days at work	195
Number of miles covered	4,500¾

	Hours.	Minutes.
Number of hours at sea	584	56

	Inward.	Outward.
Number of steamers boarded	630	597
Number of steamers passing off	255	221
Number of miles covered on those steamers	5,531	
Number of yachts boarded	8	7
Number of barks boarded	9	5

Total of steamers boarded	1,227
Total of yachts boarded	15
Total of barks boarded	14
Grand total	1,256
Vessels passing off	476
Number of fires	182
Coal on hand	7,169⅞
Coal consumed	370⅜

J. R. BELANGER.
Captain.

APPENDIX No. 52.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF HARVEY AND OUTPORT OF WATERSIDE, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

NAMES OF COMMISSIONERS.

Names.	Appointed.	Changes.
Major C. Anderson	O.C., 29 June, 1901	None.
Wesley Wilber	O.C., 12th May, 1909	"
Captain Millidge Kennie	O.C., 22nd Feb., 1911	"

Names of pilots not given in return.
No apprentice pilots in this Authority.

No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	Tonnage.	Amount paid.
6 British steam vessels	13,255	$ 360 57
1 Foreign steam vessel	1,289	41 87
3 Foreign sailing vessels	2,268	51 19
	16,812	$ 453 63

RECEIPTS AND EXPENDITURES.

Receipts—		Expenditures—	
For pilotage fees	$453 63	Distributed among pilots and secretary's commission, &c	$453 63
	$453 63		$453 63

M. C. ANDERSON,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this District including the amounts and description of all charges upon shipping made in respect of pilotage:—

Port of Harvey inwards, one cent for registered ton.

Port of Harvey outwards, one and one-half cents per registered ton.

Port of Alma inwards, one and one-half cents per registered ton.

Port of Alma outwards, one and three quarter cents per registered ton.

APPENDIX No. 53.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF HALIFAX, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Mc. Grant	1892	
J. J. Bremner	1883	
Jas. Hall	1904	
J. E. DeWolf	1907	
Neil Hall	1908	
F. G. Rudolf	1909	

NAMES OF PILOTS, EARNINGS, WHEN APPOINTED AND AGE.

No.	Names.	Age.	When appointed.	Earnings.
2	Jas. G. Rumner	26	1911	
3	Lemont Power	23	1911	
5	Lawrence Hayes	32	1905	
6	Frank Thomas	34	1898	
7	Bernard Brackett	29	1905	
8	William Hayes	36	1898	
9	Wallace Brackett	25	1911	
10	John Holland	29	1905	
11	Ed. Runner	24	1911	
12	Jas. Hourahan	73	1875	
14	John Hayes	60	1875	
15	Jas. Spears	54	1882	
17	Wm. Garneau	38	1898	
18	Chs. F. Martin	44	1890	
19	Wm. White	53	1884	
20	Thos. Hayes	51	1884	
21	Thos. Reyno	50	1884	
22	Frank Mackay	38	1898	
23	Henry Latter	42	1890	

OUT PORTS.

Jas. Smith, Margaret's Bay	68	1879	
David Palmer, Ship Harbour	62	1892	
R. Martin, Sheet Harbour	62	1883	
C. Hilchey, Tangier	73	1887	
Geof. Gilbert, Musquodoboit	59	1881	
M. G. Marks, Ship Harbour	53	1880	
W. Berrigan, Tangier	65	1900	
Wm. Smith, Necum Teuch	47	1907	

Names of apprentice pilots.—None.
White flag ships licensed for the year.—None.

SESSIONAL PAPER No. 21

STATEMENT OF VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

No.	——	Tonnage.	Amt. paid.
1,419	British steam vessels	3,314,799	$ 34,653 70
136	Foreign sailing vessels		
183	Foreign steam vessels	235,998	4,655 70
39	Foreign sailing vessels		
		$3,550,797	$39,309 40

Statement of pensions or relief fund	$ 22,212 36
Investments, Dominion Stock—	
" Savings Bank	10,026 64
" Royal Bank, Savings	4,509 58
" Royal Bank, Cash	841 19
	$ 37,589 77

DETAILED STATEMENT OF RECEIPTS AND EXPENDITURE.

Receipts.		Expenditure.	
January 1, Balance	$5,225 76	Dec. 31. Paid pilots	$35,747 80
Dec. 31, Total receipts pilotage	38,072 10	To superannuation	5,683 01
Commission	81 70	Boat inspection	40 00
Outward pilotage	1,326 60	Rent	425 00
		W. Baker	152 00
		Legal expenses	35 00
		Books and stationery	29 00
		Electric fans	10 50
		Electric light	12 24
		Expenses Sec'y Ottawa	117 50
		Office boy	106 00
		Office cleaning	55 00
		Sec'y salary	999 96
		Refund pilotage	9 60
		Auditor	50 00
		Examining apprentices	20 00
		Stenographer	27 50
		Telephone	45 00
		Telephone tolls	5 45
		Sundries	44 91
		Balance	1,090 69
	$44,706 16		$44,706 16

PILOTAGE BOATS.

Number or name:	Statement of cost of maintenance:
Numbers 1 & 2	Boats owned and managed by pilots themselves. This office has nothing to do with them beyond inspection twice a year.

Navigation in this port open all the year.

FRANK J. PHELAN,
Secretary.

Pilotage Rates.

	Inward.	Outward.
Vessels under 200 tons	$ 9 60	$ 6 00
Vessels 200 tons under 300 tons	13 20	8 40
" 300 " 400 "	16 80	10 80
" 400 " 500 "	19 20	12 00
" 500 " 600 "	21 60	13 20

Over 600 tons an additional 60 cents for every 100 tons (or fractional part thereof) above 600 tons inwards, and thirty cents outwards.

Outward pilotage for all vessels of 200 tons and upwards to be compulsory.

Canadian registered vessels of 120 tons and under free.

The rates for moving vessels in the harbour of Halifax by a pilot licensed for the Halifax Pilotage District when a pilot is employed for the purpose shall be as follows:—

All vessels under 2,000 tons	$ 5 00
All vessels over 2,000 tons	10 00

To Bedford Basin and Lawlor's Island—

All vessels under 1,000 tons	$10 00
All vessels over 1,000 tons	20 00

Vessels stopping at Quarantine are not subject to charge for moving unless the detention exceeds 12 hours.

APPENDIX No. 54.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF INVERNESS SOUTHERN, N.S., FOR THE YEAR ENDING DECEMBER 31, 1912.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Captain W. B. Reynolds	O.C. 15 Apr., 1904	None.
J. J. Hennessey	O.C. 15 Apr., 1904	"
John A. McDonnell	O.C. 15 Apr., 1904	"

No pilots appointed until now.
No white flag ships licensed during the year.
No vessels piloted during the year.

W. B. REYNOLDS,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage:—

Rates of pilotage not in force at present.

APPENDIX No. 55.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF LOUISBURG, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS

Names.	Appointed.	Changes.
Thomas Townsend	O. C. 10 Sept., 1898	None
Capt. W. W. Lewis	O. C. 10 Sept., 1898	
Michael Pope	O. C. 25 Feb., 1907	
John Dickson	O. C. 26 Sept., 1908	
Daniel Townsend	O. C. 28 May, 1911	
Thomas Townsend, Secretary	O. C. 18 Apr., 1907	

NAMES OF PILOTS, AGE AND EARNINGS.

No.	Names.	Age.	Appointed.	Earnings.
				$ cts.
1	Pierce Pope	37	May 7, 1910	408 90
2	Thos. Wilcox	47	May 7, 1911	408 90
3	John Power	49	May 7, 1910	408 90
4	John E. Tutty	51	Dec. 8, 1911	408 90
5	W. H. Townsend	65	May 7, 1911	408 90
6	Wm. Williams	41	May 7, 1910	408 90
7	Lewis Tutty	41	May 7, 1911	408 90
8	John Kelly	49	Mar. 1, 1911	408 90
				3,271 20

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

No.	——	Tonnage.	Amount Paid.
			$ cts.
74	British steam vessels	138,559	2,389 00
11	British sailing vessels	1,451	70 40
40	Foreign steam vessels	79,552	1,309 00
2	Foreign sailing vessels	642	32 00
		220,204	3,700 40

SESSIONAL PAPER No. 21

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditure.	
From British steamships	$ 2,389 00	Commission and stationery	$ 155 00
From British sail ships	70 40	Other bills to maintain service	462 20
From foreign steamships	1,309 00	Paid pilots each ($408 90)	3,271 20
From foreign sail ships	32 00		
Taking orders to ships	70 00		
Docking ships	18 00		
	$ 3,888 40		$ 3,888 40

Pilotage boats.
8 boats ready for use.
Navigation in this port never closes.

THOS. TOWNSEND,
Secretary.

Approved: W. W. LEWIS,
Chairman.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in the respect of pilotage:—

				Inward.	Outward.
On sail and steamship of	80 tons	to	120	$ 4 00	$ 3 00
"	120 "		200	6 00	4 00
"	200 "		300	7 00	5 00
"	300 "		400	8 00	6 00
"	400 "		500	10 00	8 00
"	500 "		700	11 00	9 00
"	700 "		1,000	13 00	11 00
"	1,000 "		1,500	15 00	12 00
"	1,500 "		2,000	16 00	14 00
"	2,000 "		2,500	18 00	16 00
"	2,500 "		3,000	22 00	18 00

APPENDIX No. 56.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF MIRAMICHI, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
John C. Miller	O. C. 12 Apr., 1893	None.
Wm. B. Snowball	O. C. 12 Apr., 1893	
Ernest Hutchison	O. C. 12 Apr., 1893	
Allan Ritchie	O. C. 12 Apr., 1893	

NAMES OF PILOTS, AGE AND EARNINGS.

No.	Names.	Age.	Appointed.	Earnings.
2	Louis Jimmo	57	May 29, 1875	519 11
6	Francis Martin	77	Jan. 12, 1856	519 11
7	Maxime Martin	66	July 10, 1869	519 11
10	Alexander Wilson	65	July 10, 1871	519 11
11	Robert J. Walls	60	July 12, 1870	519 11
22	William Walls, Sr	57	Apr. 20, 1875	519 11
27	James Nowlan	60	Apr. 28, 1877	519 11
29	George Sutton	60	Apr. 28, 1878	519 11
30	James A. Nowlan	56	Apr. 28, 1878	519 11
31	George T. Tait	54	June 21, 1878	519 11
32	Joseph Jimmo	56	Apr. 28, 1879	519 12
33	James McCallum	67	Apr. 28, 1880	519 12
35	John Martin	52	Apr. 28, 1880	519 12
36	Asa Walls	52	June 23, 1880	519 12
37	William Walls, Jr	54	May 20, 1882	519 12
38	John Nowlan	55	June 21, 1882	519 12
41	Michael J. Jimmo	44	Nov. 1, 1889	504 12
42	Geo. M. Nolan	55	Nov. 2, 1855	514 12
44	Geo. Savoy	67	Mar. 10, 1867	504 12
				9,828 18

No apprentice pilots in this Authority.
No white flat ships licensed during the year.

VESSELS WHICH PAID PILOTAGE DURING THE YEAR.

No.		Tonnage.	Amount Paid.
			$ cts.
32	British steam vessels	43,666	3,555 89
28	British sailing vessels	6,503	1,357 41
30	Foreign steam vessels	40,357	3,743 72
19	Foreign sailing vessels	11,393	1,071 16
109		101,919	9,128 18

SESSIONAL PAPER No. 21

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
Inward pilotage	$ 4,430 05	Sundries for pilots' office	$ 2 64
Outward pilotage	5,048 13	Funeral exp. pilot J. McCallum	100 00
Removals	250 00	Fares, Steam Navig. Co	7 50
R. J. Walls, payment as pilot master	100 00	Rent, pilots' office one year	24 00
		Refund, Sch. Unity inward	5 00
		Rent warehouse one year	10 00
		Salt, hardware, &c.	4 01
		Late pilot McCallum's share in schooners	127 58
		Stationery, pilots' office	3 98
		Printing pilot forms	2 25
		Horse-hire, pilots	1 00
		Sailsfitting outfit, &c., Sch. Princess Louise	155 73
		Sails, fitting out, &c., Sch. Senator Snowball	285 44
		Wages and provisions Sch. Princess Louise	395 47
		Wages and provisions Sch. Senator Snowball	467 44
		Secretary, postage and stationery	3 80
		Secretary, Commission at 3 p.c. on $9,828 18	294 85
		Paid 16 pilots	7,937 49
	$ 9,828 18		$ 9,828 18

Pilotage Boats.	Cost of Maintenance.	$ cts.
Princess Louise	Wages, provisions, fitting out and supplies	551 20
Senator Snowball	" " "	752 88
Mabel	Paid by 3 pilots independent of club	

Navigation at this port began April 26th, 1911, and closed on December 2, 1912.

BYRON N. CALL,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage:—

When inward bound, $2.25 per foot, and in addition to the above for all vessels propelled wholly or in part by steam, 2 cents per reg. ton.

When outward bound, $2 per foot, and in addition to the above for all vessels propelled wholly or in part by steam, 2 cents per reg. ton.

For the removal and mooring of vessels of over 300 tons, $4, and where the distance of removal exceeds four miles, 50 per cent additional on the above rate.

Removal within a distance of one mile is not compulsory, but when pilots are requested to perform this service the charge is $4.

Steam tug boats towing one or more barges with cargo, inward, may depart outward after having paid full pilotage for the tug and barges inward, without paying any outward pilotage, except on the tug.

Compulsory pilotage on all vessels over 119 registered tons.

APPENDIX No. 57.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF MINAS, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Captain Stephen Smith	O. C. Apr, 9, 1907	Captain W. R. Potter a Commissioner died and was replaced by Captain Wm. McCulloch.
Brenton Borden	O. C. Apr. 9, 1907	
Captain R. Lawrence	O. C. Feb. 26, 1910	
Thomas A. Masters	O. C. Feb. 26, 1910	
Captain William McCulloch	O. C. Apr. 24, 1911	

No pilots have been appointed yet. This Authority is awaiting to be exempted to grant certificates of pilotage to masters and mates of Canadian registered vessels so that pilots may be appointed to pilot the vessels in and out the port.

No white flag ships licensed during the year.

No pilotage dues collected

BRENTON BORDEN,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in the respect of pilotage:—

	Inward.	Outward.
Canadian vessels of 120 tons and under	Free.	Free.
From the pilot boat anchored in the Basin of Minas to Walton and anywhere between Walton to Tenecape, to Cheverie, to Summerville, to Avondale, to Millers Creek, to Wentworth, to Windsor, to Hantsport, to Avonport, to Horton Landing, to Wolfville, to Port Williams, to Picket Wharf, to Canning, to anchorage below or above Horton Bluff light, on vessels under sail, barges in tow or steamers—		
On vessels over 120 tons and under 200 tons	$9 60	$ 6 00
" 200 " 300	13 20	8 40
" 300 " 400	16 80	10 80
" 400 " 500	19 20	12 00
" 500 " 600	21 60	13 20
Over 600 tons, inwards, an additional three cents for every ton over 600 tons; outwards, an additional two cents for every ton over 600 tons.		
From the pilot boat anchored in Minas Basin to Pereaux, to Kingsport and Mill Creek—		
	Inward.	Outward.
On vessels of 120 tons and under	Free.	Free.
On vessels under sail, barges in tow or steamers—		
Over 120 tons and under 200 tons	$8 00	$ 5 00
" 200 " 300 "	11 00	7 00
" 300 " 400 "	14 00	9 00
" 400 " 500 "	16 00	10 00
" 500 " 600 "	18 00	11 00
Over 600 tons, inward, an additional two cents for every ton above 600 tons; outwards, an additional two cents for every ton above 600 tons.		

APPENDIX No. 58.

TO MONTREAL.

REPORT OF THE CORPORATION OF PILOTS FOR AND ABOVE THE HARBOUR OF QUEBEC, FOR THE YEAR ENDING DECEMBER 31, 1911.

President of the Corporation—Joseph P. Hurteau.
Secretary of the Corporation—Albric Angers.
The Committee—Barthelemi Arcand, J. C. Gauthier, D. J. Perreault.
Superintendent of Pilots—Captain J. J. Riley.
Assistant Superintendent—J. Omer Michaud.
Manager—Louis Pinoteau.
The offices in Montreal are situated on the water front at No. 223 Commissioners Street.

Number of pilots	50

	In.	Out.
Number of trips to Montreal	865	877
Number of trips intermediate ports	63	73
Total number of trips	928	950

Total earnings to Montreal	$83,898 18
Total earnings, intermediate ports	4,030 37
Total earnings of branch pilots	$87,928 55
The largest amount earned during the season of 1911 by any one branch pilot was	$2,551 55
The smallest amount was	743 80
The number of branch pilots assigned to special service was	40
The number of men on Tour de Role was	10
The amount earned by the forty special service men was	$75,964 19
The amount earned by the ten Tour de Role men was	11,964 36
Average for each special service pilot	1,899 10
Average for each Tour de Role pilot	1,196 43

APPRENTICE PILOTS OF THE CORPORATION.

Names.	Age.	Date of License.
1. Mayrand, Joseph	30	Aug. 16, 1899
2. Briere, Jules	25	Dec. 30, 1903
3. DeVillers, Napoleon	25	Dec. 30, 1903
4. Gosselin, Achille	26	Dec. 30, 1903
5. Marchand, Armand	25	Dec. 30, 1903
6. Paquette, Donat	27	Dec. 30, 1903
7. Lacroix, Edmond	26	Dec. 30, 1903
8. Houde, Thomas	25	Dec. 30, 1903
9. Marchand, Cyprien	25	Dec. 30, 1903
10. Naud, Emilien	25	Dec. 30, 1903
11. Perreault, Jos. Origene	25	Nov. 1, 1906
12. Perron, Oscar	24	May 15, 1907
13. DeVillers, Jos. Edmond	24	June 15, 1907
14. Beaudry, Francois	21	May 5, 1908
15. Leveille, Horace	20	May 5, 1908
16. Gauthier, Andre	19	Sept. 17, 1908
17. DeVillers, Arthur	21	May 10, 1909
18. Lavigne, Gaston	20	May 12, 1909
19. deLachevrotiere, Ch. Auguste	21	Aug. 31, 1909
20. Halle, Alphonse	18	Oct. 14, 1909

Number and names of selected pilots—

1. Joseph Mayrand.
2. Jules Briere.
3. Napoleon deVillers.
4. Achille Gosselin.
5. Armand Marchand.
6. Donat Paquette.
7. Edmond Lacroix.

Number of trips made by selected apprentice pilots with branch pilots on ocean steamers, during the year	393
Pensioners and total amount paid their widows—	
Pensioners	34
Total amount paid	$1,745 95
Number of vessels reported in office, tonnage, crews and number of passengers inward—	
Sea-going vessels	724
Lake steamers	237
Schooners	35
Barges, tugs and steam yachts	21
Total	1,117
Total tonnage of these vessels	2,621,484
The number of masters and crews was	65,339
Number of passengers inward	89,682

There were also 131 lake steamers that came into the still waters of the harbour without reporting to the office.

Pilots pensioned during the year	1

JAMES J. RILEY,
Superintendent of Pilots.

December 31, 1911.

MONTREAL PILOTAGE OFFICE.

By-law 44 of the By-laws of the Montreal Pilotage District.

By-law 44.—From and after the coming into force of the present by-laws, the following fees shall be payable for pilotage between the harbours of Montreal and Quebec and between the several places therein mentioned.

PILOTAGE RATES.

From Father Point to Quebec.	Per Foot.	
	Upwards.	Downwards
May 1st to November 19th	$3 87	$3 40
November 10th to November 19th	4 95	4 46
November 19th to March 1st	6 02	5 54
March 1st to May 1st	4 41	3 93

Montreal to Quebec.

From the harbour of Quebec to Portneuf and the opposite side of the river St. Lawrence, or below Portneuf and above the harbour of Quebec:—

For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned) for each foot of draught of water—	
Upwards	$0 50
Downwards	0 50
For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water—	
Upwards	0 62½
Downwards	0 62½
For the pilotage of any vessel under sail, for each foot of draught of water—	
Upwards	1 05
Downwards	0 70

From the harbour of Quebec to Three Rivers and the opposite side of the river St. Lawrence, or any place above Portneuf and below Three Rivers:—

For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water—	
Upwards	$1 50
Downwards	1 50
For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water—	
Upwards	1 75
Downwards	1 75
From Montreal to Three Rivers	1 75
From Three Rivers to Quebec	1 75
For the pilotage of any vessel under sail, for each foot of draught of water—	
Upwards	2 60
Downwards	1 90

From the harbour of Quebec to Sorel and the opposite side of the river St. Lawrence, or any place above Three Rivers and below Sorel:—

For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water—	
Upwards	$1 50
Downwards	1 50
For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water—	
Upwards	$1 87½
Downwards	1 87½
For the pilotage of any vessel under sail, for each foot of draught of water—	
Upwards	3 15
Downwards	2 10

From the harbour of Quebec to the harbour of Montreal, or to any place above Sorel and below the harbour of Montreal:—

For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water—	
Upwards	2 00
Downwards	2 00
For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water—	
Upwards	2 50
Downwards	2 50
For the pilotage of any vessel under sail, for each foot of draught of water—	
Upwards	4 20
Downwards	2 80
From the harbour of Montreal to Sorel or to any place above Sorel and below Hochelaga, and from Sorel, or to any place above Sorel and below Hochelaga, to the harbour of Montreal, for each foot of draught of water for each such pilotage—	
Upwards	1 00
Downwards	1 00
For the removal of any vessel from one wharf to another, within the limits of the harbour; or from any of the wharfs into the Lachine canal; or out of the said canal to any of the wharfs in the harbour; or from the foot of the current; or from Longueuil into the harbour; or from the harbour to the foot of the current or to Longueuil—for each such service	5 00

JAMES J. RILEY,

Superintendent of Pilots.

APPENDIX No. 59.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF NANIMO, B.C., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS

Names	Appointed	Changes
James S. Knarston	O. C. 17 Apr., 1900	
Thomas O'Connell	O. C. 17 Apr., 1900	
Henry B. Shaw	O. C. 17 Apr., 1900	
Tully Boyce	O. C. 17 Apr., 1900	
Fraser Wm. C	O. C. 30 Sept., 1910	

NAMES, AGE OF PILOTS AND EARNINGS.

No.	Names	Age	Appointed	Earnings.
1	James Christensen	70	Feb. 1891	$ 2,895 44
2	James E. Butler	51	Nov. 1894	2,895 44
3	Wm. D. Owen	45	Oct. 1898	2,895 44
4	Albert F. Yates	59	Sept. 1900	2,895 44
5	Josiah Goss	47	Aug. 1903	2,895 44
6	John C. Foote	51	Apr. 1907	2,895 44
7	John Wm. Butler	41	Oct. 1907	2,895 44

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number	——	Tonnage	Amount Paid
137	British steam vessels	441,724	$ 16,556 74
1	British sailing "	1,550	41 50
321	Foreign steam "	262,492	13,044 53
10	" sailing "	16,500	557 09
9	Foreign barges	12,000	218 69
478		734,266	30,418 55

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditure.		
Dues on British steamers	$ 16,556 74	Victoria pilot station expenses—		
" " sailers	41 50	Boatman's wages	$ 1,080 00	
" foreign steamers	13,044 53	Supplies	391 79	
" " sailers	557 09	Telephone, telegraph	342 20	
" " barges	218 69	Mileage books	600 00	
		Miscellaneous	101 85	
				$ 2,515 84
		Nanaimo pilot station expenses—		
		Boat and buggy hire	479 50	
		Telephone, telegraph	143 54	
		Hotel account	719 00	
				1,342 04
		General expense account—		
		Pilots travelling and personal expenses	3,920 00	
		Commission to Collectors	388 40	
		Exchange on drafts	18 10	
		Refunds	40 76	
		Miscellaneous	21 20	
				$ 4,388 46
		Pilot office expenses—		
		Salaries	600 00	
		Rent	192 00	
		Fuel, light, telephone	125 41	
		Printing, postage, stationery	115 10	
				$ 1,064 11
		Miscellaneous	31 60	
		Reserve fund		840 00
	$ 30,418 55			$ 30,418 55

Pilotage Boats—		Cost of maintenance—	
1. M. E. Smith		Wages	$ 1,080 00
		Gasoline repairs and other supplies	391 79
			$ 1,471 79

Navigation in this port is always open.

TULLY BOYCE,
Secretary.

December 31, 1911.

The rates of pilotage for the time being in force in this district including the amounts and description of all charges made in the respect of pilotage:—

Regular pilotage rates are one (1) cent per registered ton, and one dollar ($1) per foot draught.

Tow boats, fishing boats and small trading vessels are charged a flat rate of from ten dollars ($10) to twenty dollars ($20), according to size.

Barges carrying two thousand tons and over are charged twenty dollars ($20) under two thousand tons, and over one thousand (1,000) tons, fifteen dollars ($15); under one thousand (1,000) tons, ten dollars ($10).

APPENDIX No. 60.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF NEW WESTMINSTER, B.C., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed	Changes.
J. C. Armstrong	O. C. Feb. , 1904	F. P. Maxwell, Secretary was replaced by D. H. Macgorran.
J. B. Kennedy	O. C. Mar. 28, 1904	
Joseph Mayers	O. C. Oct. 18, 1909	

No.	Name of Pilot.	Age.	Appointed.
1	Captain F. S. Carter	44	July 1, 1911.

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

Number	——	Tonnage	Amount paid
	British steam vessels	20,975	$ 723 99
	" sailing "	3,535	136 20
		$ 24,510	$ 860 19

The only pilot of this Authority is paid by the Corporation of the City of New Westminster at the rate of $150.00 a month, and all fees collected for pilotage are turned over by the Pilotage Authority to the City, except 10 per cent off same, to defray the expenses of the pilot and office.

Navigation at this port is always open.

D. H. MACGORRAN,
Secretary.

December 31, 1911.

The rates for pilotage dues for the time being in force this district including the amounts and description of all charges upon shipping made in respect of pilotage:—

$1 for foot draught, 1 cent per ton registered tonnage (net).

APPENDIX No. 61.

REPORT OF PILOTAGE COMMISSIONERS FOR THE PILOTAGE DISTRICT OF NEW LONDON, P.E.I., FOR THE YEAR ENDING DECEMBER 31, 1911.

NAMES OF PILOTAGE COMMISSIONERS.

Names.	When Appointed.	Change.
Thos. Reid	1896	Jas.Smith(deceased)
Jos. Harding	1896	
Capt. D. Sutherland	1896	
W. C. Orr	1896	

NAMES OF PILOTS.

Names.	Age.	When appointed.	Earnings.
Neil McLeod	56	1878	$ 125 00

Apprentice pilots.—None
White flag ships licensed for the year.—None.

STATEMENT OF VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

	Tonnage.	Earnings.
British steam vessels, Dredge Montagne and Plant		$ 90 00
British sailing vessels	350	25 00
British steam vessels, Steamer Liscar		10 00
British sailing vessels		
		$ 125 00

No pension fund.

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditure.	
Vessels pilotage fees	$ 125 00	Paid pilots	$ 100 00
		Secretary	25 00
	$ 125 00		$ 125 00

Pilot boat No. 5, statement of cost of maintenance, $25.

Navigation in this port opens 20th April and closes about 27th December.

W. C. ORR,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in the respect of pilotage:—

Harbour pilotage, 5 cents per ton; river pilotage, $2, and each shift $2.

APPENDIX No. 62.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF PUGWASH, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Elias King	O.C. Apr. 29, 1895	None.
William Colburn	O.C. May 29, 1901	"
Alfred King	O.C. Sept. 20, 1904	"
Ephraim A. Murray	O.C. Feb. 12, 1908	"
Gordon McDonald	O.C. Apr. 24, 1911	"
Elias King, Secretary	O.C. July 15, 1905	"

NAMES, AGE OF PILOTS AND EARNINGS.

No.	Names.	Age.	Appointed.	Amt. Earned.
1	Neil McKeiver	49	1890	$ 79 89
2	Clarence Reid	58	1891	
3	George Heather	69	1911	69 89
4	Alfred E. Seaman	33	1899	81 89
5	E. Russell Heather	30	1908	69 89
6	George Tuttle King	32	1903	6 00
				$307 56

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

No.		Tonnage.	Amt. Paid
2	British steam vessels	2,565	$ 25 67
9	British sailing vessels	750	28 00
2	Foreign steam vessels	3,531	163 89
		6,846	$ 217 56

RECEIPTS AND EXPENDITURE

Receipts		Expenditure.	
Fees on pilotage	$ 307 56	Paid to pilots	$ 293 56
		Paid to secretary	14 00
	$ 307 56		$ 307 56

Pilotage boats, 5—*Nimrod, Venture, Effie Howard, Ida, Leader.*

Navigation in this port opens on or about April 20 and closes 25th November or about.

ELIAS KING,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage:—

	Inwards	Outwards
Vessels 80 and under 140 tons	$ 6 00	$ 5 00
" 140 " 230 "	8 00	7 00
" 230 " 300 "	10 00	9 00
" 300 " 400 "	14 00	12 00
" 400 " 500 "	16 00	14 00
" 500 " 600 "	17 00	15 00
" 600 " 700 "	18 00	16 00
" 700 " 800 "	19 00	17 00
" 800 " 900 "	20 00	18 00
" 900 " 1,000 "	21 00	19 00

Vessels over 1,000 tons shall pay 2½ cts. per ton inward; 2 cts. outward on additional tonnage.
Vessels under 80 tons accepting pilots shall pay 5 cts per ton inward and 4 cts per ton outward
Vessels over 1,000 tons register after entering the harbour and being safely moored by a pilot, employing a pilot to be moved again to a loading berth dock or wharf from her first moorings, shall pay to the pilot so employed the sum of $5.
Vessels under 1,000 tons and over 300 shall pay $3.

APPENDIX No. 63.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF PICTOU, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

NAMES OF COMMISSIONERS

A. C. McDonald, Jas. Yerston, D. A. Barry, Wm. Fraser.

NAMES, AGE OF PILOTS, WHEN APPOINTED AND EARNINGS

No.	Names	Age	When Appointed	Earnings
1	Wm Cooke	74	1874	$ 222 24
2	Chas Cooke	64	1874	503 65
3	Angus Smith	55	1889	473 68
4	McGregor Fraser	44	1899	427 18
5	Wm McPherson	37	1903	355 03
6	Willard Fraser	33	1903	294 87
				$2,276 65

No apprentice pilots in this Authority
White flag ships licensed during the year—SS. Cascapedia, amount paid, $40 00

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR

—	Tonnage	Amt paid
British steam vessels	15,885	$ 315 00
Foreign steam vessels	49,576	1,961 65
	65,461	$ 2,276 65

RECEIPTS AND EXPENDITURES

Receipts		Expenditures	
Capt Lachance, SS Cascapedia	$ 40 00	Paid pilots	$ 2,276 65
Pilot bonds	6 00	Secretary's salary	200 00
Pilot fees	2,299 65	Balance due 1910	824 77
Balance due	955 77		
	$ 3,301 42		$ 3,301 42

Pilotage boats		Cost of Maintenance	
No 2 Bertha D.		Yearly	$ 100 00
No 5 Maggie Ester		"	100 00
			$ 200 00

Navigation opened April 15th and closed December 15th

DODD DWYER,
Secretary.

December 31, 1911.

RATES OF PILOTAGE

	Inward	Outward
Vessels of 120 tons to 140	$ 6 00	$ 4 00
" 140 " 200	10 00	6 00
" 200 " 300	12 00	8 00
" 300 " 400	14 00	9 00
" 400 " 500	15 00	10 00
" 500 " 600	16 00	11 00
" 600 " 700	17 00	12 00
" 700 " 800	18 00	13 00
" 800 " 900	19 00	14 00
" 900 " 1,000	20 00	15 00

Vessels of 1,000 and upwards 2½ cents inwards and 2 cents outwards. All vessels under 80 tons $4. inwards and $2 outwards

Docking and moving vessels from anchorage in harbour, $4.

APPENDIX No. 64.

REPORT OF THE CORPORATION OF PILOTS FOR AND BELOW THE HARBOUR OF QUEBEC, FOR THE YEAR ENDING DECEMBER 31, 1911.

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
Balance of 1910	$ 859 79	Interest paid on loan	$ 120 00
Reserve fund	2,000 00	Rental, Chouinard estate	500 00
Customs of Montreal	7,809 50	" City of Quebec	450 00
" Three Rivers	1,405 10	" Taxes of the city	222 25
" Chicoutimi	1,739 10	General expenses	3,776 15
" Sorel	1,127 00	Expenses of pilots	1,763 65
" St. Thomas	157 17	Indemnity to Directors	600 00
" Rimouski	163 26	Insurance	26 95
" Riviere-du Loup	204 36	Legal advisers	894 45
Interest, Banque Nationale	183 30	Pilotage paid over twice and remitted	1,883 75
Fines	40 00	Pilots pensioned	7,000 00
Lost time	754 08	Salaries of employees	1,750 00
Rental, Department	896 00	Salary of caretaker	500 00
Board, Pointe-au-Pic	2,256 51	Board at Pointe-aux-Peres	2,495 16
" remitted by Directors and pilots	115 17	Decayed pilots' fund	10,062 95
Pilotage collected at Quebec	131 136 38	Dividends	114,230 00
		Reserve fund	3,000 00
		Balance	1,771 41
	$150,846 72		$ 150,846 72

SESSIONAL PAPER No. 21

STATEMENT OF MONEYS RECEIVED AND EXPENDED BY THE CORPORATION OF PILOTS FOR THE DECAYED PILOT FUND OF QUEBEC DURING THE YEAR.

Receipts.		Expenditures.	
Balance of 1910	$ 8,662 54	By pensions	$14,513 99
Contribution of pilots	10,062 95	Assistance	210 00
Interests on investments	4,526 22	Salaries	550 00
Debentures of Dorchester Bridge remitted	21,600 00	General expenses	20 00
Interests from savings banks	537 19	Deposits in savings banks	30,531 75
St. Furgence fabric balance on capital remitted	500 00	Balance on hand	63 16
	$ 45,888 90		$ 45,888 90

STATEMENT OF FUND.

Money loaned	$ 70,700 00
" in saving banks	30,531 75
" on hand	63 16
	$ 101,294 91

PENSIONERS AT THE EXPENSE OF THE FUND.

12 pilots at	$ 300 00	$ 4,771 00
2 pilots at	270 00	483 51
11 pilots at	216 00	2,376 00
1 pilot at	176 00	73 34
27 widows at	116 00	2,944 64
12 widows at	112 00	1,171 48
5 widows at	110 00	550 00
6 widows at	106 00	636 00
6 widows at	100 00	500 00
4 widows at	96 00	384 00
1 widow at	76 00	76 00
1 widow at	68 00	68 00
1 widow at	64 00	64 00
1 widow at	70 00	38 84
1 widow at	116 90	42 24
12 children at	30 00	334 94
109 pensioners.		$ 14,513 99

Pilotage fees collected	$ 143,741 87
General expenses including 7% in Pension fund	31,845 31
Leaving a net balance of	$ 111,896 56
This sum divided among the pilots gave to each a dividend of	$ 1,515 00
957 British steamers paid	$ 140,703 19
49 Foreign "	3,038 68
In all	$ 143,741 87

Number of pilots on active service	77
Died during the year	1
Pensioned during the year	2
Number of apprentice pilots	22
Number of pilotages effected by pilots	2,029
Number of trips made by apprentice pilots	660

OFFICERS OF THE BOARD.

Adjutor Lachance, President;
Alphonse Pouliot, Director;
Onesime Noel, Director.
Joseph Emile Couillard Director.
Eugene Anctil, Director.
Joseph Pouliot, Director.
F. X. Dion, Secretary-Treasurer
Ph. Lamontagne, Assistant Treasurer.
Alfred Larochelle, Superintendent.

TABLE 1.—Rates of pilotage for the Harbour of Quebec and below, for each foot of draught water.

PILOTAGE RATES.

From	To	From May 1 to Nov. 10	From Nov. 10 to Nov. 19	From Nov. 19 to Mar. 1	From Mar. 1 to May 1
Father Point or any place below the anchorage of Brandy Pots, off Hare island	Anchorage or mooring ground in the Basin or Harbour of Quebec	$ 3 87	$ 4 95	$6 02	$ 4 41
The Anchorage ground at the Brandy Pots off Hare Island or any place above the said anchorage ground and below St. Rock's Point	do	⅔ of this sum.	⅔ of this sum.	⅔ of this sum.	⅔ of this sum.
St. Rock's Point or any place above this point and below the Pointe-aux- Pins or Crane Island or any place below St. Patrick's Hole	do	½ do	½ do	½ do	½ do
The anchorage or mooring ground in the Basin or Harbour of Quebec	Father Point or the place where the pilot shall be discharged in the river below Quebec	$ 3 40	$ 4 46	$ 5 54	$ 3 93

From	To	——
Any wharf in the harbour of Quebec between Pointe-à Carcy below, and the West End of the Allan's Wharf above both inclusive	Any other wharf within said limits	$ 2 50
Any place in the Harbour of Quebec, not being a wharf within the above mentioned limits	Any other place in the said harbour not being a wharf within the said limits	5 00

SESSIONAL PAPER No. 21

PILOTS, BY WHOM EMPLOYED, AND THE OTHERS ARE THE TOUR-DE-ROLE FOR 1911.

BRANCH PILOTS FOR AND BELOW THE HARBOUR OF QUEBEC, ACCORDING TO SENIORITY.

Number of Pilotages Affected.

No.	Name.	Employed by	Age.	Residence.	No. of. Pilotages Effected.
1	Ray, Baquet dit Lamontagne	C.P.R	66	Notre Dame, Levis	35
2	Chs. Alarie Raymond		63	Quebec	24
3	Victor Vézina	Thompson Line	66	Quebec	26
4	Pensioned		65	Quebec	
5	Joseph G. Dupil	Allan Line	64	Quebec	38
6	Pierre Pepin dit Lachance		62	Montreal	23
7	Isiode Noel		61	St. John, Orleans	25
8	Théophile Corriveau		64	Quebec	24
9	Elzéar Godbout	Dom. Coal	63	Quebec	22
10	Pensioned		66	Montreal	
11	Achille Trefflé Simard	Head Line	60	St. Joseph, Levis	34
12	Narcisse Lavoie		62	Ste. Luce, Rimouski	25
13	Joseph Emilio Couillard	Director	60	Quebec	
14	Louis Albert Royer		66	Quebec	23
15	Onésime Noel	Director	59	St. John, Orleans	7
16	Died 14 Jan		61	Quebec	23
17	Frs.-X. Demuele	Manchester Line	59	St. John, Orleans	39
18	Louis Honoré Lapierre		61	Notre Dame, Levis	24
19	Jos. Eug. Lachance		57	Quebec	32
20	J. Théophile St. Laurent	Dominion Line	60	Quebec	49
21	Joseph Victor Gourdeau		64	Ste. Petronille, Orleans	23
22	Louis Trefflé Delisle		57	Trois Pistoles	18
23	J-Bte Couillard	Dominion Coal	60	Cap St. Ignace	23
24	J. E. Bonaventure Lavoie		59	Ste-Anne de la Pocatière	24
25	Adjutor Baillargeon	Manchester	57	Quebec	37
26	Samuel Rioux		58	Quebec	25
27	Charles Octave Clavet	Dominion Coal	57	St. Michel, Bellechasse	39
28	Paul Lachance	Allan Line	55	Quebec	38
29	Arcadieus Jouvin		53	Ste. Luce, Rimouski	23
30	Paul Lachance	Dominion Coal	56	Quebec	23
31	Joseph Pouliot	Director	55	St. John, Orleans	
32	Adjutor Lachance	C.P.R	53	Quebec	35
33	Frs. Gaudreau	C.P.R	60	Quebec	35
34	Arthur Koening		60	L'Islet	25
35	Eugène Anctil	Director	52	Quebec	
36	David Dumas		58	Notre Dame, Levis	24
37	Joseph Lachance		57	St. Laurent, Orleans	24
38	Alphonse Pouliot	Director	59	Chateau Richer	
39	Elézar Normand		52	Cap St. Ignace	23
40	Jean-Bte Bernier	Donaldson Line	52	L'Islet	42
41	Joseph Paquet		50	Quebec	24
42	Jean A. Lachance		49	Quebec	24
43	Arthur Baillargeon		54	Montreal	25
44	Joseph Vézina	Allan Line	50	Quebec	33
45	Herménégilde Guénard		53	Montmagny	23
46	John A. Irvine	Capt. White's Ship	55	Green Island	
47	Frédéric Bouffard		54	St. Laurent, Orleans	24
48	Jules Asselin	Dominion Coal	50	Quebec	33
49	Lucien Lachance	Thompson Line	50	Quebec	28
50	Camille Pernier	Dominion Line	53	Quebec	54
51	Moise Blouin		60	St. John, Orleans	24
52			51	Quebec, died 22 Oct	5
53	Alfred Gaudreau		58	Cap St. Ignace	22
54	Alfred Raymond	Head Line	50	Quebec	24
55	Philéas Lachance	Dominion Coal	51	St. John, Orleans	27
56	Joseph H. Talbot		49	Berthier	23
57	Moise Arthur Lachance		48	St. John, Orleans	22
58	Louis Francois Thivierge	Dominion	45	Quebec	37
59	Edmond Larochelle	Capt. Lady Evlyn	45	St. Michel, Bellechasse	1
60	Joseph Plante		45	St. Paul's Bay	27
61	Alphonse Paquet	Dominion Coal	45	St. John, Orleans	24

PILOTS BY WHOM EMPLOYED, &c.—*Continued.*

No.	Name.	Employed by	Age.	Residence.	No. of Pilotages Effected.
62	Adélard Bernier	C.P.R.	50	Quebec	36
63	Jean-Bte Pouliot	Donaldson Line	41	Beauport	45
64	Léonidas Lachance		41	St. John, Orleans	25
65	Eudore Langlois		49	Quebec	24
66	Joseph Delisle	Dominion Coal	37	St. John, Orleans	27
67	Jules Lachance	Allan Line	27	Quebec	33
68	Auguste Santerre	Allan Line	28	St. Michel, Bellechasse	32
69	Arthur Larochelle		30	St. Michel, Bellechasse	26
70	Raoul Lachance	Elder-Dempster	30	St. Joseph, Levis	23
71	William Langlois	Dominion Coal	31	Quebec	38
72	Ernest Bernier	Manchester	36	St. Michel, Bellechasse	35
73	Arthur Baquet	Elder-Dempster	28	Notre Dame de Levis	26
74	Jules Lamarre		27	St. Valier	29
75	George Larochelle		32	St. Michel, Bellechasse	36
76	Adélard Delisle		31	Quebec	38
77	Pierre L. Lachance	Cascapedia	27	Quebec	30
78	Alexandre Larochelle		27	St. Michel, Bellechasse	21
79	Joseph A. Dupil		27	St. Jean, Port Joli	22
80	Arthur Paquet		35	St. John, Orleans	24
					1,075

APPRENTICE PILOTS.

No.	Names.	No.	Names.	No.	Names.
1908		1909		1911	
1	Gabriel Lachance	9	Cyrille Pouliot	17	Louis-Philippe Langlois.
		1910			
2	Ernest Pouliot	10	Paul Emile Lachance	18	Rodrigue Lachance.
3	Bastien Anctil	11	Herménégilde Bouffard	19	Edmond Baquet.
4	Jules-Adélard Bernier	12	Herménégilde Lachance	20	Leo Labrecque.
5	Felix Lavoie	13	Francois-Joseph Gaudios Gaudreau	21	Eudore Langlois.
6	Charles Henri Koenig			22	Romeo Gaudreau.
1909		14	Camille Couillard		
7	Louis-Gonzague Lavoie	1911			
8	Albert Lachance	15	Lactance Lachance		
		16	J. Willie Pouliot		

App. pilots have all made 30 trips with pilots during the summer.

OFFICERS ON BOARD.

ADJUTOR LACHANCE, *President.*
ONÉSIME NOËL, *Director.*
EUGENE ANCTIL, *Director.*
ALPHONSE POULIOT, *Director.*
JOSEPH EMILIO COUILLARD, *Director.*
JOSEPH POULIOT, *Director.*

F. X. DION, *Secretary Treasurer.*
PH. LAMONTAGNE, *Assistant Secretary Treasurer.*

ALFRED LAROCHELLE,
Superintendent.

Certified by ALFRED LAROCHELLE, *Supt. Quebec Pilots.*

APPENDIX No. 65.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF RESTIGOUCHE, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
W. F. Napier	O. C. Dec. 6, 1905	T. S. Blair resigned and was replaced by T. Mowat O. C. Feb. 9, 1912.
A. H. Hilyard	O. C. May 5, 1903	
D. Champoux	O. C. Feb. 8, 1907.	
T. S. Blair	O. C. May 15, 1903.	

NAMES AND AGE OF PILOTS AND EARNINGS.

Names.	Age.	Earnings.
Robert McNeil	70	(retired).
Joseph Elsliger	55	$934 82
Edward Elsliger	46	934 82
William Donohue	44	934 82
Niels Nielson	37	934 82
Dan. C. McNeil	35	934 82
John McNeil	32	934 82
		$5,608 92

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	Tonnage.	Amount paid.
26 British steam vessels	45,102	$2,011 31
18 British sailing vessels	3,663	567 75
33 Foreign steam vessels	39,585	2,538 56
34 Foreign sailing vessels	31,887	1,184 24
	120,037	$6,301 86

Ports.	Sail Vessels.	Tonnage.	Steam Vessels.	Tonnage.	Total Vessels.	Tonnage.	Dues.	Commission.	Net to Pilots.
C'ton, N.B.	30	16,549	31	39,891	61	56,440	$3,768 66	$113 05	$3,655 61
Dalhousie	18	17,395	23	36,544	41	53,939	2,064 08	61 92	2,002 16
River Louis'n	4	1,606	5	8,252	9	9,858	469 12	14 07	455 05
	52	35,550	59	84,687	111	120,237	6,301 86	189 04	6,112 82

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
For pilotage	$6,301 86	Retained for expenses—	
		Commission including Secretary's sal'y	$ 189 04
		Expenses of boats and upkeep	503 90
		Divided among six pilots at $934.82 each	5,608 92
	$6,301 86		$6,301 86

W. F. NAPIER,

Chairman Restigouche Pilotage Authority.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in the respect of pilotage:—

The rates on pilotage, including the properly securing and mooring all ships or vessels, pilotage for the several ports within the pilotage district of Restigouche shall be as follows:—

For every foot of water any ship or vessel shall draw at the time inward or outward bound in the port of Dalhousie, Benjamin, Beaver point, Nash creek, Jacquet's river, or any loading station east of Dalhousie on the Bay of Chaleur, $1.50; Port of Campbellton, $2; Oak bay or any loading station east of same, west of Dalhousie, $2, when ships proceed direct from sea.

Ships bound for Dalhousie, Benjamen, Beaver point, Nash's creek, Jacquet river, or any loading station east of Dalhousie, calling at any of the said harbours for orders, or to discharge ballast, cargo, or otherwise on ship's account, $1.50; and thence to the said port or loading stations on the Bay of Chaleur, 75 cents per foot draught of such ship at the time.

Ships bound for Campbellton, Oak bay or any loading station east of Oak bay and west of Dalhousie, waiting at Dalhousie or any of the outer or bay ports to discharge ballast, cargo or otherwise on ship's account, $1.50, and thence to the said port of Campbellton, 75 cents; Oak bay or any loading station east of Oak bay, and west of Dalhousie, 75 cents per foot draught of such ship at the time and vice versa.

For the removal of any ship, including the properly securing and mooring such ship, the following rates, viz.: The sum of one dollar and fifty cents for ships not exceeding one hundred and twenty tons; the sum of two dollars for ships over one hundred and twenty tons and not exceeding three hundred tons; the sum of four dollars for ships over three hundred tons and not exceeding six hundred tons; and the sum of five dollars for all ships over six hundred tons; and when the distance of removal extends four miles, fifty per cent additional to above rates. In addition to above rates all vessels propelled wholly or in part by steam shall pay one cent inwards and one cent outwards per net registered tonnage.

APPENDIX No. 66.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF RICHMOND, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Hon. Isidore LeBlanc	O. C. Feb. 23, 1894	None.
Wm. Babin	O. C. Feb. 23, 1894.	"
Capt. Henry LeMarchant	O. C. Aug. 25, 1905.	"
Hon. Isidore LeBlanc, Secretary.		

NAMES OF PILOTS, AGE AND EARNINGS.

Mordick Boudrot, appointed in 1905; age 52; earnings $33.
No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	Tonnage.	Amount paid.
1 British steam vessel	321	$16 50
1 British sailing vessel	99	8 25
1 Foreign sailing schooner	99	8 25
	519	$33 00

Money thus earned was remitted to the pilots.
Pilotage boat—1 large open boat. No cost of maintenance.
Navigation at this port opens April and closes in February.

ISIDORE LEBLANC,
Secretary.

December 31, 1911.

The following shall be the rates of pilotage:—

Inwards—

Vessels of 80 tons and under 100 tons						$ 5 50
"	100	"	"	150	"	6 50
"	150	"	"	200	"	7 50
"	100	"	"	250	"	9 00
"	200	"	"	250	"	9 00
"	250	"	"	300	"	10 00
"	300	"	"	350	"	11 00
"	350	"	"	400	"	12 00

and for any additional fifty tons or fraction thereof, 75 cents.

Outwards—One-half of the above rates.

APPENDIX No. 67.

REPORT OF THE PILOTAGE COMMISSIONERS OF THE DISTRICT OF RICHIBUCTO, N.B., FOR THE YEAR ENDING MARCH 31, 1912.

PILOTAGE COMMISSIONERS.

Names.	When Appointed.	Names.	When Appointed.
Wm. J. Brait	1880	W. E. Forbes	1909
Frank Curran	1909	R. O'Leary	1909
Fred. Ferguson	1909		

NUMBER, NAMES OF PILOTS, WHEN APPOINTED, AND EARNINGS.

Names.	When Appointed.	Earnings.
1. James Long	1870	
2. William Long	1871	
3. Albert Long	1872	
4. John Curwin	1894	
5. George Long	1875	
6. Henry Irving	1871	$500 00

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	Tonnage.	Amount paid.
3 Foreign steam vessels	3,500	
5 Foreign sailing vessels	1,500	$500 00

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
Pilotage fees	$500 00	Paid to pilots and Secretary's salary, &c	$505 00
Pilots' licenses (6)	6 00	Forms and stationery	1 00
	$506 00		$506 00

No special pilotage boats.
Navigation in this port opens 15th April and closes 1st December.

FRED FERGUSON,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in the respect of pilotage.

$1.50 each, inward and outward, per foot.

Not exceeding 80 tons, $5 each way; below 50 tons, $3 each way.

The annual meeting of the pilotage commissioners was held in the court house on April 26, 1911.

The following pilots were granted licenses for the year 1911:—

James Long.....No. 1
William Long..... " 2
Albert Long..... " 3
John Curwin..... " 4
Geo. Long..... " 5
Henry Irving..... " 6

APPENDIX No. 68.

REPORT OF THE PILOTAGE COMMISSIONERS OF THE DISTRICT OF SACKVILLE, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

Names of Commissioners—Albion Gray, appointed 1894; Thos. R. Anderson, appointed 1905; Nelson Packham, appointed 1911.

Names, age of pilots, when appointed and earnings—

1. Willard Barnes, age 60; appointed 1890; earnings			$84 28
2. Luther Snowdon, age 50; appointed 1910; earnings			30 96
			$115 24

No apprentice pilots in this Authority.

No white flag ships licensed for the year.

Vessels which paid pilotage fees for the year—

7 British sailing vessels; tonnage	1,414	amount paid	$85 00
3 Foreign sailing vessels; tonnage	756	amount paid	30 24
	2,170		$115 24

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
Pilotage fees	$115 24	Licenses	$ 5 00
		To pilots	110 24
	$115 24		$115 24

No special pilot boats.

Navigation in this port opens about 21st March and closes early in January.

THOS. R. ANDERSON,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage:—

Pilotage charges are: 5 cents per register ton, inward; 3 cents per register ton, outward.

There are no other pilotage charges and the pilots often arrange with masters of ships to accept half the above fees if when the master can obtain a towboat, he has his vessel towed instead of sailing the vessel in and outward—it is often that towboats cannot be obtained when required.

APPENDIX No. 69.

REPORT OF THE PILOTAGE COMMISSIONERS FOR THE PILOTAGE AUTHORITY OF SHEDIAC, FOR THE YEAR ENDING DECEMBER 31, 1911.

Pilotage Commissioners.	When Appointed.	Pilotage Commissioners.	When Appointed.
Michael Connors	1906	D. J. Dawson	1906
Charles Robonto	1906	E. B. McDonald	1906
George McDevith	1906		

Names of Pilots.	When Appointed.	Age.	Earnings.
Thomas McGrath		65	
Olaf Hendrickson		50	$204 20
Paul P. LeBlanc		67	116 81

Apprentice pilots.—None.
White flag ships licensed for the year.—None.
Statement of vessels which paid pilotage fees for the year—
British steam vessels.....
Foreign steam vessels—tonnage..... 3,194 amount paid..... $321 01

DETAILED STATEMENT OF RECEIPTS AND EXPENDITURE.

Receipts.		Expenditures.	
Pilotage dues	$321 01	Paid pilots	$314 60
		Sec'y Comm. on pilotage dues	6 41
	$321 01		$321 01

E. R. McDONALD,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in the respect of pilotage:—

The rate of pilotage for this district is one dollar and fifty cents ($1.50) per foot draught of water for vessels inwards, one dollar and fifty cents ($1.50) per foot draught of water for vessels outwards bound, and for the removal of any ship or vessel and seeing such ship or vessel properly secured or moored, the sum of four dollars ($4) for each such removal, hauling a vessel into the wharf or dock from the stream not to be considered a removal. It was ordered on May 30, 1908, 'That all ships or vessels propelled by steam or driven by power other than sails shall pay 4 cents per ton on her registered tonnage in addition to the above rules.

APPENDIX No. 70.

REPORT OF THE PILOTAGE COMMISSIONERS OF THE DISTRICT OF ST. ANNS, VICTORIA COUNTY, N.S., FOR THE YEAR ENDING MARCH 31, 1911.

Commissioners.	Appointed.	Changes.
Angus J. McRitchie	O. C. Apr. 23, 1904	None.
Captain Murdock Smith	O. C. Apr. 23, 1904	"
Donald McAulay	O. C. Apr. 23, 1904	"

NAMES AND AGE OF PILOTS AND EARNINGS.

No.	Names.	Age.	Appointed.	Earnings.
1	Joseph Fader	58	May 1, 1905	$ 151 50
2	Archibald Carmichael	41	" 1, 1905	151 50
3	Angus B. Morrison	47	" 1, 1905	151 50
4	Dan Buchanan	38	" 1, 1905	151 50

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

No.	——	Tonnage.	Amount Paid.
17	Foreign steam vessels	12,407	$ 606 00

RECEIPTS AND EXPENDITURES

Receipts.		Expenditure.	
Collected for pilotage	$ 606 00	Paid to pilots	
		Joseph Fader	$ 151 50
		Archibald Carmichael	151 50
		Angus B. Morrison	151 50
		Dan Buchanan	151 50
	$ 606 00		$ 606 00

Pilotage boats.
4 boats, each pilot has a boat.
Navigation in this port opens April 30 and closes about January 1st.

DONALD McAULAY,
Secretary.

December 31, 1911.

21—25½

Scale of pilotage fees for the pilotage district of St. Ann's in the County of Victoria, N.S.:—

Vessels of 120 to 200 tons	$ 7 00
" 200 " 250 "	8 00
" 250 " 300 "	9 00
" 300 " 350 "	12 00
" 350 " 400 "	13 00
" 400 " 450 "	14 00
" 450 " 500 "	15 00
" 500 " 600 "	16 00
" 600 " 700 "	17 00
" 700 " 800 "	18 00
" 800 " 900 "	19 00
" 900 " 1,000 "	20 00
" 1,000 " 1,500 "	21 00
" 1,500 " 2,000 "	24 00

APPENDIX No. 71.

REPORT OF THE PILOTAGE COMMISSIONERS OF ST. JOHN, N.B., FOR THE YEAR ENDING DECEMBER 31, 1911.

Name.	When Appointed.	Name.	When Appointed.
Edward Lausalum	9th June, 1886	James Knox	Feb'y. 25th, 1894
J. Willard Smith	14th August, 1894	Harold C. Schofield	October 3rd, 1911

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage:—

On all steamships not otherwise exempt.

Inward—

1st District	$ 2 00	per foot draught of water
2nd "	2 50	" "
3rd "	3 00	" "

Outward—

To Partridge Island	$ 1 75	per foot
Down the Bay of Fundy (not compulsory)	2 75	"

Inward—

1st District	$ 1 50	per foot draught of water
2nd "	1 75	" "
3rd "	2 25	" "

Outward—

To Partridge Island	$ 1 25	per foot
Down the Bay of Fundy (not compulsory)	2 00	"

Transporting—

200 tons and under	$ 2 00	From 2,000 and up to 2,500	$13 00
From 200 tons and up to 300	3 50	2 500 " 3,000	15 00
300 " 400	4 00	3,000 " 3,500	17 00
400 " 500	5 00	3,500 " 4,000	19 00
500 " 1,000	7 00	4,000 " 4,500	21 00
1,000 " 1,500	9 00	4,500 " 5,000	23 00
1,500 " 2,000	11 00	5,000 tons and over	25 00

Total amount of pilotage received		38,081 83
Less—		
25c. per foot from outward pilotage	$2,189 57	
5% from net pilotage	1,763 85	3,953 42
Net amount paid to pilots		$ 34,128 41

NAMES OF PILOTS AND EARNINGS.

Number.	Name.	When Appointed.	Age.	Amount Paid to.
1	Bennet, James	1882	54	$ 2,075 80
2	Cline, Alfred	1878	54	653 85
3	Cline, Richard B	1898	40	1,466 85
4	Doyle, James	1874	74	1,637 84
5	Doherty, Joseph	1874	65	2,030 10
6	Doherty, Robert	1908	26	2,256 25
7	Lahey, Frank L	1896	40	887 25
8	Miller, James S	1899	32	2,523 86
9	Murray, William	1899	38	1,728 15
10	McKelvey, Fenwick M	1908	25	2,451 12
11	Quinn, William	1874	64	1,608 83
12	Rogers, Bartholomew	1881	54	2,458 80
13	Spears, James S	1874	66	702 25
14	Spears, Henry	1874	60	1,469 87
15	Spears, William J	1908	25	1,821 98
16	Sherrard, John L. C	1874	77	1,902 11
17	Stone, Thomas J	1875	58	1,961 32
18	Scott, Richard	1874	60	
19	Scott, William	1878	55	841 48
20	Thomas, John S	1874	63	2,068 92
21	Traynor, Thomas	1874	58	1,155 78
	Pilotage on hand (unclaimed) in course of adjustment			426 00
				$34,128 41

NAMES OF APPRENTICE PILOTS AND EARNINGS.

Number.	Name.	When Appointed.	Age.	Amount Paid.
.....	Abbott, John F	June 1, 1910	17	
.....	Traynor, William O	June 1, 1910	18	
.....	Scott, William, Jr	August 1, 1910	18	

These apprentices are paid $8 monthly by the boat to which they are attached.
White flag ships licensed for the year.—None.

STATEMENT OF VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR

Number.		Tonnage.	Amount Pd.
246	British steam vessels	770,624	$27,603 59
155	" sailing "	52,189	4,810 58
16	Foreign steam "	20,680	1,348 76
157	" steam "	46,398	431 90
		890,882	$38,081 83

STATEMENT OF PENSIONS OR RELIEF FUND.

At credit of Fund, 31st December, 1910		$ 5,006 23
By interest on Bank Deposits		293 64
By amount from Income Account		859 24
		6,159 11
Pensions paid to pilots and widows		1,995 00
Balance to credit of Fund, 31st December, 1911		$ 4,164 11

DETAILED STATEMENT OF RECEIPTS AND EXPENDITURE.

Receipts.		Expenditure.	
Balance 31st December, 1910	$ 4,057 09	Pensions paid—	
25c. per foot outward pilotage, St. John, $2,189.57, Musquash, $6	2,195 57	2 pilots	$ 450 00
		12 widows	1,525 00
5% from net pilotage	1,763 85	Financial assistance	20 00
Licenses to 21 pilots	105 00	Dr. Emery for examining apprentices	16 00
" 4 boats	40 00	Auditing Accounts	25 00
Interest on Deposits—		Office rent	100 00
Dominion Savings Bank	260 19	Stationery, &c.	24 63
Bank of New Brunswick	33 45	Salary Sec.-Treas.	1,000 00
		Telegrams	4 45
		Sundries	11 25
		Expenses *re* Ottawa	300 00
		Bank of New Brunswick, special deposit	3,000 00
		Accrued interest—	
		Dominion Savings Bank	260 19
		Bank of New Brunswick	33 45
		Balance in Bank of New Brunswick	1,685 18
	$ 8,455 15		$ 8,455 15

PILOTAGE BOATS.

Number.	Name	Statement of Cost of Maintenance.
1	Howard D. Troop	These boats are owned and maintained by the pilots themselves and the office has no accurate knowledge of the cost, &c.
3	Nena Blanche	
4	Lightning	
5	James A. Thomas	

Navigation was open all the year around.

J. W. THOMAS,
Secretary.

St. John, N.B., January 6, 1912.

APPENDIX No. 72.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF SYDNEY AND NORTH SYDNEY, CAPE BRETON, N.S., FOR THE YEAR ENDING MARCH 31, 1911.

PILOTAGE COMMISSIONERS.

Names:—A. Gannon, J. Ratchford, D. A. Hearn, D. A. Smith, W. A. Richardson.

NUMBER, NAMES OF PILOTS AND EARNINGS.

Number.	Name.	Earnings.
1	John Cann	$ 926 63
2	John Mullins	926 63
3	Wm. Perry	926 63
4	Geo. Fraser	926 63
5	John Carroll	926 63
6	James Carroll	926 63
7	L. Ling	926 63
8	J. G. MacGilvary	926 63
9	J. B. MacGilvary	926 63
10	Thos MacNeil	926 63
11	Thomas Rudderham	926 23
12	John MacNeil	926 23
13	Bernard Mullins	926 23
14	D. A. MacInnis	926 23
15	Joseph Brown	926 23
16	Henry Petril	926 23
17	Jas. Fraser	926 32
18	Thos. Ratchford	926 23
19	Wm. Langille	926 23
20	J. T. Laffin	926 23
21	M. Curran	926 23
22	D. D. Petril	926 23
23	E. F. Petril	926 23
24	E. D. Cann	926 23
25	Louis Carroll	926 23
26	H. Ratchford	926 23
27	John Boutilier	926 23
28	Geo. Spencer	926 23
29	Thos. Roberts	926 23
30	V. MacGilvary	926 63
31	Thos. Burke	926 63
32	A. R. Richardson	926 63
33	John Mahon	926 63
34	James Shonohon	926 63
35	Peter Rigby	126 62
		$ 32,432 04

NAMES OF APPRENTICE PILOTS AND EARNINGS.

Number	Names.	Earnings.
1	James Young	$ 463 31
2	John Beaton	463 31
3	Frank MacGilvary	463 31
4	Wm. Young	463 31
		$ 1,853 24

WHITE FLAG SHIPS LICENSED FOR THE YEAR.

Name.	Class.	Amount.
Wasis	Steamer	$ 100 00
Cape Breton	"	100 00
Louisbourg	"	100 00
Cobon	"	100 00
Cacouna	"	100 00
Bonavista	"	100 00
Wobun	"	100 00
		$ 700 00

STATEMENT OF PENSIONS OR RELIEF FUND

Widows—— Brown, Isabel MacGilvary, Constance MacGilvary, Mary Petril, Margaret Petril, — Macinnis, — Ratchford, at $30 a year	$	210 00
Pilots—G. B. Brown, Geo. Townsend, John Fraser, Wm. Ratchford, L. Cannel at $50 a year	$	250 00
Maurice Doyle		50 00
	$	510 00

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
Pilotage	$ 34,285 28	Paid pilots	$ 32,432 04
Relief and commission	1,906 61	" apprentices	1,853 24
White flag licenses	700 00	" relief	510 00
Pilot "	111 00	" three collectors	850 00
Boat "	11 00	" Commissioners' expenses	775 00
Refund Mrs. Daley, 1910	30 00	" clerk	500 00
Balance, Dec 31, 1910	1,010 44	" office rent	100 00
		" supt. pilots	250 00
		" telephone	17 25
		" printing	22 50
		" horse hire and stationery	8 75
		" balance Commissioners' expenses 1910	100 00
		Surplus in the fund	635 55
	$ 38,054 33		$ 38,054 33

W. A. RICHARDSON,
Secretary.

December 31, 1911.

By-law No. 5.—The rates of pilotage shall be as follows:—

	To Sydney.	To North Sydney.
For vessels under 100 tons	$ 6 00	$ 5 00
From 100 to 150 tons	7 00	6 00
" 150 to 200 "	8 00	7 00
" 200 to 250 "	9 00	8 00
" 250 to 300 "	10 00	9 00
" 300 to 350 "	11 00	10 00
" 350 to 400 "	12 00	11 00

And for every additional 50 tons or fractional part thereof, $1; for vessels 800 tons and upwards, $1 for every additional 100 tons or fractional part thereof. Outward pilotage shall be the same as inward. Vessels, upon being hailed by a licensed pilot outside the limits of the port, but within the pilotage district of Sydney, and

refusing to, or not taking such pilot, shall pay half pilotage inwards; and upon being offered the services of a licensed pilot before being ready for sea and refusing the services of such pilot, shall be liable to half pilotage outward. Should the services of a pilot so offering be accepted by the master and afterwards declined, then the vessel shall be liable for full pilotage rates; and any pilot placed in charge of a vessel by the master shall be entitled to receive, in addition to full pilotage rates, the sum of two dollars per diem for each day the vessel may be detained while he is waiting on her, through stress of weather or otherwise. And in case a pilot is taken to sea the ship shall be responsible for his expenses unless returned to the port of Sydney. Vessels spoken by a pilot outside of her harbour limits or changing ports between Sydney and the ports of Lingan, Glace Bay and Cow Bay, shall only be liable for inward pilotage at the loading port, unless a pilot be employed in changing ports, in which case full tariff rates will be charged. Pilots delivering orders outside of port limits to vessels to proceed elsewhere shall be entitled to receive full inward pilotage only for such vessels, and pilots prevented from delivering orders after being received by them, by reason of the orders being signalled from light stations shall be entitled to receive full inward pilotage; and if, in any case, another regular pilot belonging to the same port be found in charge and the pilot delivering orders. Vessels arriving from sea without being spoken inwards by a pilot shall be subject to half pilotage outward unless a pilot be employed, in which case full outward pilotage will be charged, the half pilotage in this case to be paid into the pilotage fund. Vessels calling for orders and remaining outside of harbour limits shall be exempt from outward pilotage unless a pilot be employed.

APPENDIX No. 73.

REPORT OF PILOTAGE COMMISSIONERS OF TIDNISH AND NORTHPORT, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Burpee Rockwell	O. C. July 28, 1899	None.
John Campbell	O. C. May 1, 1901	"
Silas Taylor	O. C. March 28, 1902	"
J. Harvey Angus	O. C. June 19, 1902	"
David Mitchell	O. C. June 15, 1903	"
Secretary—Burpee Rockwell	O. C. Oct. 9, 1900	"

Pilot, Fergusen Brownell, No. 1, appointed Aug. 31, 1899; age 48; earnings, $31.50.
No apprentice pilots in this Authority.
No white flag ships licensed during the year.
Vessels which paid pilotage fees for the year—1 foreign sailing vessel, tonnage 1,000; amt. paid, $31.50.

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
Fees on pilotage	$31 50	Paid to pilot	$29 93
		Paid to Secretary Commission	1 57
	$31 50		$31 50

Pilotage boats—1 boat (No. 2). Cost of maintenance, $6.00.
Navigation in this port opens May 1st and closes December 15th.

BURPEE ROCKWELL,
Secretary.

December 31, 1911.

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in respect of pilotage:—

One dollar per foot inward, one dollar per foot outward, and two dollars and fifty cents for shifting from ballast to loading ground.

The amount received for pilotage dues for the year 1911, $31.50.

APPENDIX No. 74.

REPORT OF THE PILOTAGE COMMISSIONERS OF VANCOUVER, BRITISH COLUMBIA, FOR THE YEAR ENDING DECEMBER 31, 1911.

STATEMENT of Vessels which paid Pilotage Fees for the Year.

PILOTAGE COMMISSIONERS.

Name.	When Appointed.	Name.	When Appointed.
R. H. Alexander, chairman	May 26th, 1883.	G. E. Macdonald	Aug. 10th, 1910
C. G. Major	May 14th, 1879.	Robt. Kelly	Aug. 10th, 1910.
Frank Burnett	July 20th, 1898.		

The rates of pilotage dues for the time being in force in this district including the amounts and description of all charges upon shipping made in the respect of pilotage:—

For vessels entering into or clearing from the ports of Vancouver and Howe Sound, the rates of pilotage are as follows:—

(*a*) For vessels under sail, $2 per foot draught of water and 1 per cent net registered ton.

(*b*) For vessels in tow of a steamer, $1 per foot draught of water and 1 per cent per net registered ton.

(*c*) For steamers, $1 per foot draught of water, and 1 per cent per net registered ton.

The pilotage from Cape Flattery or Royal Roads to a line drawn from Point Atkinson to the nun buoy on Spanish Bank, or to the limits of Howe Sound and vice versa, is not compulsory, but if the services of a pilot are required, he shall be paid the following rates, viz.:—

From Cape Flattery	$6 00	per foot.
From Callum	5 00	"
From Beachy Head	4 00	"
From Race Rocks or Royal Roads	3 00	"

And for vessels under steam or in tow of a steamer the following rates shall be paid:—

From Cape Flattery	$3 00	per foot.
From Callum Bay	2 50	"
From Beachy Head	2 00	"
From Race Rocks or Royal Roads (vessels under steam)	1 00	"
From Race Rocks or Royal Roads (vessels in tow of a steamer)	1 50	"

SESSIONAL PAPER No. 21

NAMES OF PILOTS AND EARNINGS.

Number.	Name.	When Appointed.	Age.	Amount Earned.	Amount Paid to.
1	William Ottershank	June 18th, 1888	69		$3,001 92
2	George W. Robertson	Dec. 20th, 1889	61	Pilots	3,791 44
3	H. Robson Jones	July 1st, 1892	56	work	3,791 43
4	Donald Patterson	April 1st, 1901	50	in	1,125 00
5	George W. Robarts	Oct. 1st, 1907	39	one	3,791 42
6	Robert A. Batchelor	May 15th, 1910	40	Company	3,340 20
7	Avery C. Anderson	Oct. 16th, 1911	43		363 72
				$30,306 39	$19,205 13

No Apprentice pilots in this Authority.
No white flag ships licensed for the year.

STATEMENT OF VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	——	Tonnage.	Amount Paid.
286	British steam vessels	986,411	$19,459 10
8	British sailing vessels	15,638	302 88
526	Foreign steam vessels	366,682	10,076 32
18	Foreign sailing vessels	21,744	468 09
838		1,390,475	$30,306 39

There is no Pension or Relief Fund, but a Reserve Fund in Bank of Montreal Savings Department amounting to $893.05.

DETAILED STATEMENT OF RECEIPTS AND EXPENDITURE.

Receipts.		Expenditures.	
Balance in bank, 1st Jan., 1911	$ 1,783 84	Paid pilots, Jan. 5th, 1911	$ 1,783 84
Pilotage earnings, year 1911	30,306 39	Paid pilots during year 1911	19,205 13
		Office expense account, 1911	1,397 83
		Pilot boat and station expense acct., 1911	3,799 56
		Pilots' travelling expenses, &c., 1911	4,271 10
		Balance in Bank	1,632 77
	$32,090 23		$32,090 23

PILOTAGE BOATS AND STATION.

Number or Name.	Statement of Cost of Maintenance.	
"Pilot No. 1" (gas.)	Men's wages, repairs and general running expenses	$3,799 56

Date when navigation opened, all year round.

Approved
RICHARD ALEXANDER,
Chairman.

C. GARDNER JOHNSON,
Secretary-Treasurer, Vancouver Pilotage Authority.

Vancouver, B.C.,
January 2, 1912.

APPENDIX No. 75.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF VICTORIA AND ESQUIMALT, B.C., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
H. F. Bullen	O. C. March 29, 1905	None.
William Grant	O. C. October 22, 1901	"
I. A. Gould	O. C. March 29, 1909	"
F. A. Pauline	O. C. Sept. 25, 1909	"
John Kingham, Secretary.		

NAMES AND AGE OF PILOTS AND EARNINGS.

Names.	Age.	Appointed.	Earnings.
John Newby	63	1891	$3,646 73
William Cox	56	1903	3,999 89
John Thompson (retired July 31st, 1911)			2,125 87
Charles Israel Harris	44	1910	4,550 62
Whiteley, W. H.	49	1911	1,976 91
			$16,300 02

No apprentice pilots in this Authority.
No white flag ships licensed during the year.

VESSELS WHICH PAID PILOTAGE FEES FOR THE YEAR.

Number.	Tonnage.	Amount Paid.
British steam vessels	723,836	$7,367 10
British sailing vessels	7,782	143 08
Foreign steam vessels	681,273	8,383 27
Foreign sailing vessels	13,879	401 57
		$16,300 02

RECEIPTS AND EXPENDITURES.

Receipts.		Expenditures.	
Fees on British vessels	$7,515 18	Pilots' drawings	$14,670 14
Fees on foreign vessels	8,784 84	Secretary's salary	600 00
Fees on coasting licenses	850 00	Rent and expenses	420 00
		Miscellaneous expenses	135 00
		Exchange	6 45
		Surplus	1,318 43
	$17,150 02		$17,150 02

Pilotage Boats.	Cost of Maintenance.	
No. 1 Colby No. 2 Colby	Expenditure for upkeep of plant, paid by the pilots out of their net earnings during year	$4,231 80

Navigation in this port always open.

JOHN KINGHAM,
Secretary.

December 31, 1911.

Pilotage Rates.

Vessels bound to other ports and coming to anchor in Royal Roads, the pilotage shall be free, except the services of a pilot are employed, when pilotage according to the following graduated scale shall be payable:—

From inside or north of Race Rock to Royal Bay, or *vice versa,* 50 per cent of the prescribed rates under clause (*b*), section 18. From Beechy Head to Royal Roads, or *vice versa,* $1 per foot.

From Pillar Point to Royal Roal or *vice versa,* $3 per foot.

From Cape Flattery to Royal Roads or *vice versa,* $6 per foot draught of water.

For vessels entering into or clearing from the ports of Victoria and Esquimalt, the rates of pilotage shall be as follows:—

(1) For regular ocean steamers, 50 cents per foot draught of water and ½ cent per net registered ton up to a maximum of 3,500 tons, on the inward voyage, and 50 per cent of the above on the outward voyage subject to a discount of 20 per cent.

(2) For irregular ocean steamers, $1 per foot draught of water, and ¾ cent per net registered ton.

(3) For regular steamers in the coasting trade between San Francisco and Lynn Canal, inclusive, the rates shall be the same as for regular ocean steamers as rated in clause 1.

(4) For vessels under sail, $2 per foot draught of water and 1 cent per net registered ton.

(5) For sailing vessels in tow, $1.50 per foot draught of water and 1 cent per net registered ton.

(6) For all vessels entering into or clearing from William's Head Quarantine Station, the rates shall be 50 per cent of the prescribed rates of any class of vessel for Victoria and Esquimalt, subject to exemption in section 17, clause 7; provided, however, that all coasters between San Francisco and Lynn canal inclusive, when compelled by special instructions from the Dominion Government to call at William's Head Quarantine Station, shall be exempt from pilotage dues unless the services of a pilot are requested.

(7) For all vessels of 500 tons and under, 75 cents per foot draught of water.

Gulf Pilotage.

For all vessels from the limits of the ports of Victoria and Esquimalt to the limits of all ports on Puget Sound and Gulf of Georgia, shall be $1 per foot draught of water.

APPENDIX No. 76.

REPORT OF PILOTAGE COMMISSIONERS OF THE DISTRICT OF WALLACE, N.S., FOR THE YEAR ENDING DECEMBER 31, 1911.

PILOTAGE COMMISSIONERS.

Names.	Appointed.	Changes.
Zebud A. MacKay	O. C. April 30, 1883	William Scott, Commissioner, resigned.
F. K. Grant	O. C. October 6, 1891	
John W. Morris	O. C. June 11, 1879	

NAMES AND AGE OF PILOTS AND EARNINGS.

Names.	Age.	Appointed.	Earnings.
Alexander Patton		August, 1898	$20 00
Hudson Langills		October, 1892	
Warren Betts		June, 1889	

No apprentice pilots in this Authority.
No white ships licensed during the year.
Vessels which paid pilotage fees for the year—1 sailing vessel (foreign), tonnage 250; paid $20.
Pilotage boats—1 boat owned by the pilots.

JOHN W. MORRIS,
Secretary.

December 31, 1911.

The rates of pilotage dues for the Port of Wallace shall be as follows:—

Vessels of.	Inward.	Outward.
80 tons and under 160 tons	$ 6 00	$ 4 00
160 " " 230 "	9 00	6 00
230 " " 400 "	12 00	8 00
400 tons upward	14 00	10 00

On all vessels under 80 tons accepting the services of a pilot, five cents per ton inward and four cents per ton outward. Steamers rated at net tonnage. The above rates are for pilotage to or near the Wallace-Huestis Grey Stone Wharf; up Wynn's channel to the Plaster wharf, or up the Fox Harbour channel. Vessels requiring the services of a pilot to Wallace Bridge, shall pay twenty-five cents per foot (draught), or if the Wallace Freestone quarries or up to the Bay to the Abiteau, then the sum of five cents per foot each way additional.

L. A. DEMERS,
General Superintendent.

APPENDIX No. 77.

STATEMENT showing the result of returns of shipping and discharging of seamen, received by the Department of Marine and Fisheries, in accordance with the provisions of Chapter 113, 'An Act respecting Shipping in Canada,' from Shipping-Masters throughout the Dominion, for the half year ended June 30, 1911, and December 31, 1911.

QUEBEC.

Name of Port.	Name of County.	Name of Shipping Master.	Half Year ending June 30, 1911.			Half Year ending Dec. 31, 1911.			Total.		
			Seamen Shipped.	Seamen Discharged.	Amount	Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.
					$ cts.			$ cts.			$ cts.
Escoumains	Saguenay										
Gaspé	Gaspé										
Montreal	Hochelaga	Wm. Cunningham	739	911	642 80	1,892	1,054	1,262 20	2,631	1,965	1,915 00
Magdalen Islands	Gaspé	Camille Delaney									
Paspebiac	Bonaventure	F. Marcil					5	1 50		5	1 50
Percé	Gaspé										
Quebec	Quebec										
Rimouski	Rimouski										
St. Johns	St. Johns										
Three Rivers	Three Rivers										
									2,631	1,970	1,916 50

NEW BRUNSWICK.

Alma	Albert	D. C. Cleveland									
Bathurst	Gloucester		12	13	9 90	30	15	19 50	42	28	29 40
Chatham	Northumberland	R. J. Walls									
Dalhousie	Restigouche					5	3	3 40	5	3	3 40
Dorchester	Westmoreland	W. D. Wilber									
Fredericton											
Grand Harbour	Charlotte										
Harvey	Albert										
Hillsborough	Albert										
Lepreau	Charlotte										

STATEMENT showing Returns, Shipping and Discharging of Seamen &c.—*Continued.*

NEW BRUNSWICK—*Concluded.*

Name of Port.	Name of County.	Name of Shipping Master.	HALF YEAR ENDING JUNE 30, 1911.			HALF YEAR ENDING DEC. 31, 1911.			TOTAL.		
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.
					$ cts.			$ cts.			$ cts.
Musquash	St. John										
New Brandon	Gloucester										
Newcastle	Northumberland										
Quaco	St. John										
Riverside	Albert	Charles Morris					5	1 50		5	1 50
Rockport	Westmoreland										
Sackville	Westmoreland										
St. Andrews	Charlotte	W. Snodgrass									
St. George	Charlotte	James McKay									
St. John	St. John	W. H. Purdy	867	353	539 40	845	361	530 80	1,712	714	1,070 20
Shediac	Westmoreland										
Shippegan	Gloucester	Edouard D. Chiason									
St. Stephen											
St. Martins	St. John	G. R. McDonough	29	8	16 90	19	25	17 00	48	33	33 90
									1,807	783	1,138 40

NOVA SCOTIA.

Advocate Harbour	Cumberland	Wm. Moore	16	13	11 90				16	13	11 90
Amherst	Cumberland	B. W. Baker		1	0 30					1	0 30
Annapolis	Annapolis										
Antigonish	Antigonish										
Apple River	Cumberland										
Arichat	Richmond	D. O. C. Madden	9	3	5 40				9	3	5 40
Baddeck	Victoria										
Barrington	Shelburne	D. Sargent	1	1	0 80		4	1 20	1	5	2 00
Barton	Digby	F. H. Hutcheson	57	14	32 70	59	60	47 50	116	74	80 20
Bayfield	Antigonish										
Belleveau Cove	Digby	E. E. Therrault	15	33	17 40				15	33	17 40
Bear River	Digby	W. W. Wade	21	22	17 10	36	39	29 70	97	81	46 80
Beaver Harbour	Halifax										

Bridgewater	Lunenburg										
Canning	Kings										
Canso	Guysborough	P. C. Cullen	24		12 00	12	1	6 30	36	1	18 30
Church Point	Digby	I. H. LeBlanc				17	3	10 00	17	8	10 00
Clark Harbour	Shelburne	Ephraim Nickerson		1	0 30	3	1	1 80	3	2	2 10
Clementsport	Annapolis	W. C. Jones	27	12	17 10	44	45	35 50	71	57	52 70
Cheverie	Hants										
Descousse	Richmond	Pascal Poirier	11	1	5 80		7	2 10	11	8	7 90
Digby	Digby										
Guysborough	Guysborough	J. H. M. Scott	34		17 00				34		17 00
Glace Bay	Cape Breton	Marcellin Poirier				5	5	4 00	5	5	4 00
Halifax	Halifax	Howard Blyh	1,522	1,503	1,211 90	1,622	1,460	1,249 00	3,144	2,963	2,460 90
Hantsport	Hants	J. W. Lawrence	7	6	5 30	17	15	13 00	24	21	18 30
Harbour au Bouche	Annapolis	J. M. Crispo									
Hillsboro	Albert										
Jordan Bay	Shelburne	E. L. Martin									
Lahave	Lunenburg	William Maschke	36	26	*35 80	67	68	53 90	103	94	89 70
Lisecmb	Guysborough	L. W. Pye	31	11	18 80	35	23	24 40	66	34	43 20
Liverpool	Queens										
Lockeport	Shelburne	J. R. Ruggles	23		11 50				23		11 50
Londonderry	Colchester										
Lunenburg	Lunenburg	B. C. Knock	1,016	117	217 10	176	74	117 00	1,192	191	334 10
Louisburg	Cape Breton	Wm. Lewis	85	92	66 50	70	58	52 40	155	150	118 90
Mahone Bay	Lunenburg	J. E. Mason	13	5	20 00	65	42	45 10	76	51	65 10
Main-a-Dieu	Cape Breton										
Maitland	Hants					7	4	4 70	7	4	4 70
Margaree	Inverness										
Margaretsville	Annapolis										
Merigomish	Pictou	T. B. Olding									
Meteghan	Digby	E. W. Doucet				32	28	24 40	32	28	24 40
Mulgrave	Guysborough										
New Campbellton	Victoria	George Livingston									
North East Harb'r	Shelburne										
North Sydney	Cape Breton	M. J. Ross			Return for	full year.			865	370	543 50
Parrsborough	Cumberland	Stuart Mason				155	119	113 20	155	119	113 20
Pictou	Pictou	John Waters	7	4	4 70	30	75	37 50	37	89	42 20
Port Gilbert	Digby										
Port Gravelle	Cumberland	J. M. Bentley				30	24	22 20	30	24	22 20
Port Hawkesbury	Inverness	James McLane	8	8	6 40	11	2	6 10	19	10	12 50
Port Hastings	Inverness	Geo. S. McLean	6	11	6 30	8	5	5 50	14	16	11 80
Port Hood	Inverness										
Port la Tour	Shelburne	Benj. R. Smith									
Port Lorne	Annapolis										
Port Mulgrave	Guysborough	M. J. Keating				34	33	26 90	34	33	26 90
Port Medway	Queens										
Port Morien	Cape Breton										
Port Williams	Kings										
Port Wade	Annapolis	E. H. Porter					4	1 20		4	1 20
Pubnico	Yarmouth										
Pugwash	Cumberland										
River Hebert	Cumberland										

STATEMENT showing Returns, Shipping and Discharging of Seamen, &c.—*Concluded.*

NOVA SCOTIA—*Concluded.*

Name of Port.	Name of County.	Name of Shipping Master.	HALF YEAR ENDING JUNE 30, 1911,			HALF YEAR ENDING DEC. 31, 1911.			TOTAL.		
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.
					$ cts.			$ cts.			$ cts.
Riverport	Lunenburg	Stephen Ritcey	94		47 50	13	6	8 30	107	6	55 80
St. Anns	Victoria	D. McAulay									
St. Peters	Richmond	E. M. Morrison	35	5	19 00	17	4	10 00	52	9	29 00
Salmon River	Digby	Ed. Doucette	4		2 00		4	1 20	4	4	3 20
Sheet Harbour	Halifax										
Shelburne	Shelburne	W. W. Atwood	9	3	5 40	16	5	9 50	25	8	14 90
Sydney	Sydney	James Rudderham	94	48	61 40	296	284	233 20	390	332	294 60
Thorne's Cove	Annapolis										
Truro	Colchester										
Tatamagouche	Colchester	James Ramsay									
Wallace	Cumberland										
Walton	Hants										
West Arichat	Richmond										
Weymouth	Digby										
Windsor	Hants										
Wolfville	Kings										
Yarmouth	Yarmouth	N. L. Trefry	449	295	313 00	520	589	436 70	969	884	749 70
									4,954	5,645	4,887 50

BRITISH COLUMBIA.

Aboucet	Vancouver										
Clayoquot	Comox-Atlin	John Grice	69	2	35 10				69	2	35 10
Hesquait	Vancouver	Chas. Moser	4		2 00				4		2 00
Kynoquot	Comox	Amos Ellis	2		1 00	4	2	2 60	6	2	3 60
Massett Inlet											
New Westminster	New Westminster										
Victoria	Victoria	George Kirkendale	976	686	693 80	902	966	740 80	1,878	1,652	1,434 60
Vancouver	New Westminster	J. B. Campbell	1,087	194	1,062 30	920	946	897 10	2,207	1,140	1,959 40
									4,164	2,796	3,434 70

Alberton	Prince										
Charlottetown	Queens	F. Beers	104	4	53 20	67	98	62 90	171	102	116 10
Crapand	Queens	Robert McDonald									
Georgetown	Kings	George Owen	12		6 00				12		6 00
Malpeque	Prince										
Murray Harbour	Queens	H. J. Berhaut									
Montague	Kings	H. J. Berhaut				8	5	5 50	8	5	5 50
Pinette	Queens										
Port Hill	Prince										
St. Peter's	Kings	Charles Wage									
Souris	Kings										
Summerside	Prince										
Tignish	Prince	A. T. Gaudet									
									191	107	127 60

RECAPITULATION.

Quebec	2,631	1,970	$1,916 50
New Brunswick	1,807	783	1,138 40
Nova Scotia	4,954	5,645	4,887 50
British Columbia	4,164	2,796	3,434 70
Prince Edward Island	192	107	127 60
Total	13,748	11,301	$11,504 70

*$10 for shipping fishermen.

NOTE.—The Collector of Customs acts as Shipping Master where no other Shipping Master is appointed.

CRUISE OF THE *ARCTIC* IN NORTHERN WATERS, 1910-11.

The *Arctic,* in command of Captain J. E. Bernier, left Quebec on July 7, 1910, to patrol the northern waters in which the vessel had sailed in 1908-9. The Commander in receiving his commission was instructed to issue whaling licenses to vessels sailing in the waters contiguous to the territory now called Franklin. Sealed instructions were given to attempt the Northwest passage from Baffin bay by Lancaster sound, Barrow strait, McClure strait, and visit the stations and depots established in 1908-9, during the former cruise of the *Arctic.*

The vessel was provisioned for a two years' voyage, and it was intended that if the Northwest passage was successfully made that the vessel should call at Herschel island. From there the voyage was to be continued through Behring sea and Behring strait and to end at Victoria, Vancouver island.

The *Arctic* called at Albert harbour, Bylot island, on August 8, 1910, and the Commander visited the depot established there in previous voyages. The voyage was continued from Albert harbour and Lancaster sound was entered on the 15th following. Large quantities of heavy ice were met in the sound on the way to Erebus bay, where Franklin's monument is erected. After a most difficult passage, Griffith point on Melville island was reached on August 30. On the day following the steamer anchored in Winter harbour, Melville island, where she had wintered in the preceding cruise. An attempt was made to cross McClure strait, but the extremely heavy ice, from 50 to 60 feet in thickness, with elevations as high as icebergs, prevented the progress of the vessel. An effort was made to reach Prince of Wales strait, but this was found impossible. From Winter harbour, the vessel sailed west as far as 112° 50′ west longitude, and, with no appearance of water, was obliged to return eastward to Admiralty inlet and anchored in Arctic harbour, situated well in the inlet, latitude 73·08 N., longitude 85·03 W.

During October and November, 1910, a survey party under Surveyor Lavoie was sent to survey the east coast of Admiralty inlet. The country was crossed by this party from the inlet to Fury and Hecla strait, where surveys were made. The party then returned to the ship. In December, tidal and barometric observations were kept up and the thickness of the ice measured during its formation in Arctic harbour around the vessel. From March to May, 1911, the survey party continued surveys, proceeding from Arctic bay to Prince Regent strait and traced the whole coast southwards to Fury and Hecla strait and mapped a long island composed of sand in Boothia gulf. Meteorological observations were made during this whole trip. On returning from this journey across the country, surveys were made on the east coast of Baffin land in a number of bays along the coast from North Baffin and at Salmon river, continuing to Milne harbour. This work was done on the return voyage of the ship from Arctic harbour.

Prospecting parties, for minerals, were directed to search the country in the vicinity of Arctic harbour, and a number of specimens of economic minerals, shale and coal obtained, together with a botanical collection of plants and flowers.

The work of patrolling during the movements of the ship was kept up with a view of ascertaining the number of vessels engaged in whale fishing and licenses were issued to a small number.

The *Arctic* returned to Quebec on September 25, 1911; the officers and crew were discharged with the exception of two who were retained to complete their reports.

The detailed report of Captain Bernier and officers of the ship is being prepared for publication.

SUPPLEMENT TO THE ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES

MARINE

ELEVENTH REPORT

OF THE

GEOGRAPHIC BOARD OF CANADA

FOR THE YEAR ENDING JUNE 30

1912

PRINTED BY ORDER OF PARLIAMENT

OTTAWA
PRINTED BY C. H. PARMELEE, PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1913

[No. 21*a*—1913.]

To the Hon. J. D. Hazen,
Minister of Marine and Fisheries.

The undersigned has the honour to submit the Eleventh Report of the Geographic Board of Canada for the year ending June 30, 1912.

Wm. P. ANDERSON,
Chief Engineer, Marine Dept.,
Chairman of the Board.

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ORDER IN COUNCIL.

THE CANADA GAZETTE.

OTTAWA, Saturday, June 25, 1898.

[8324]

AT THE GOVERNMENT HOUSE AT OTTAWA.

SATURDAY, DECEMBER 18, 1897.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

His Excellency, by and with the advice of the Queen's Privy Council of Canada is pleased to create a 'Geographic Board' to consist of one member for each of the Departments of the Geological Survey, Railways and Canals, Post Office, and Marine and Fisheries, such member, being appointed by the Minister of the department; of the Surveyor General of Dominion Lands, of such other members as may from time to time be appointed by Order in Council, and of an officer of the Department of the Interior, designated by the Minister of the Interior, who shall act as secretary of the Board; and to auuthorize the Board to elect its chairman and to make such rules and regulations for the transaction of its business as may be requisite.

His Excellency is further pleased to order and direct, that all questions concerning geographic names in the Dominion which arise in the departments of the public service shall be referred to the Board, and that all departments shall accept and use in their publications the names and orthography adopted by the Board.

JOHN J. McGEE,
Clerk of the Privy Council.

Extract from O. in C. dated Dec. 14, 1899.

'That the Order in Council constituting the Board be amended by giving to the government of the Northwest Territories and to each Province the right to nominate one of their officials as a member of the Board who shall advise the Board with reference to names in his Province, provided that the several governments undertake to be guided by the decisions of the Board.

MEMBERS OF THE GEOGRAPHIC BOARD OF CANADA

Chairman

Wm. P. Anderson, Chief Engineer, Department of Marine and Fisheries.

Secretary

A. H. Whitcher, Department of the Interior.

Executive Committee.

D. B. Dowling, Geologist, Geological Survey, Department of Mines.

C. O. Senécal, Geographer and Ch. Draughtsman, Geol. Survey, Dept. of Mines.

James White, Secretary, Commission of Conservation.

Members.

W. H. Boyd, Topographer, Geological Survey, Department of Mines.

E. Deville, Surveyor-General of Dominion Lands.

A. G. Doughty, Dominion Archivist.

E. V. Johnson, Inspecting Engineer, Department of Railways and Canals.

Wm. Smith, Secretary, Post Office Department.

Provincial Representative Members.

(Order in Council, December 14, 1899.)

Ontario—
Aubrey White, Deputy Minister of Lands and Forests, Toronto, Ont.

Quebec—
Eugene Rouillard, Secretary, Department of Lands and Forests, Quebec.

New Brunswick—
Wm. S. Carter, Chief Superintendent of Education, Fredericton, N.B.

Nova Scotia—
A. H. MacKay, Superintendent of Education, Halifax, N.S.

Prince Edward Island—
Hon. M. McKinnon, Provincial Secretary, (ex-officio), Charlottetown, P.E.I.

British Columbia—
Wm. Fleet Robertson, Provincial Mineralogist, Victoria, B.C.

Saskatchewan—
John A. Reid, Deputy Provincial Treasurer, Regina, Sask.

GEOGRAPHIC BOARD OF CANADA

BY-LAWS.

I—Officers of the Board.

The officers shall consist of a chairman (who shall be elected by ballot), of an executive committee of three to be nominated by the chair and approved by the Board, all of whom shall serve for one year or until their successors shall be chosen, and of the secretary.

II—Duties of Officers.

(*a.*) The chairman shall preside at the meetings and shall certify to the decisions of the Board. He shall appoint all committees not specially named by the Board. In his absence the Board shall have power to elect a temporary chairman.

(*b.*) The secretary shall keep minutes of the proceedings of the Board and shall record the decisions rendered, or other action of the Board upon cases submitted to it, with reference to the papers filed in each case. He shall maintain files of the original papers, or copies of them, that may be presented in each case, conveniently arranged for reference. He shall, under the instructions of the Board, conduct the general correspondence and shall receive communications presented for the consideration of the Board.

(*c.*) The executive committee shall receive through the secretary all communications requiring decision by the Board, shall investigate the questions presented, and after securing information from all available sources, shall report to the Board with recommendations regarding them.

(*d.*) Before dealing with any name within a province represented upon the Board, such name shall be submitted to the representative of said province for examination and report.

(*e.*) Upon the receipt of a communication submitting place-names for the consideration of the Board, it shall be the duty of the secretary, after preliminary submission to the executive committee, to transmit at once a copy of such communication, together with any papers relating thereto, to the member of the Board for the provinve affected, and also, in the case of coast names appearing on admiralty charts, to the hydrographer of the admiralty.

(*f*) So soon as the report of the provincial representative, and in the case of chart names, the report of the hydrographer, are received, the secretary shall immediately submit the whole correspondence to the executive committee who shall promptly prepare the names for submission to the Board.

(*g*). The secretary shall enter upon every record submitted for the consideration of the Board, the recommendation of the provincial representative, and, if any, the recommendation of the hydrographer.

III—Meetings.

The Board shall hold regular meetings on the first Tuesday in each month. Special meetings may be called by the chairman or by the executive committee. Five members of the Board shall constitute a quorum, but on the written request of any member, filed with the secretary of the Board within a month from the date of a meeting, any decision adopted at such meeting shall be reserved for approval by a

majority of the full Board. The affirmative vote of a majority of all the members of the full Board shall be required for the final decision in any case. All motions presented for the consideration of the Board shall be submitted in writing.

IV—Reports.

The Board shall publish its decisions on geographic names, after each meeting, in the *Canada Gazette* and in bulletins, the same to be consolidated in a general report of the Board's work, to be issued after the 30th of June in each year.

V—Amendment.

These by-laws may be amended at any regular or special meeting, by a majority vote of all the members of the Board, provided that copies of the proposed amendment have been sent by the secretary to the members of the board at least twenty days previous to the time the vote is taken.

RULES OF NOMENCLATURE.

1. When the priority of a name has been established by publication ,particularly when such publication has occurred in any standard or authoritative work or works, that name should, if possible, be retained.

2. When names have been changed or corrected, if not too firmly established by local usage or otherwise, the original forms should be restored.

3. In cases where what was evidently originally the same word, appears with various spellings sanctioned by local usage or otherwise, these various spellings when applied to different features should be regarded as in effect different names, and as a rule it is inadvisable to attempt to produce uniformity.

4. As a rule the first published name should be retained, but where a choice is offered between two or more names for the same place or locality, all sanctioned by local usage, that which is most appropriate and euphonious should be adopted.

5. The possessive form should be avoided whenever it can be done without destroying the euphony of the name or changing its descriptive application. Where the possessive form is retained, the apostrophe should be dropped.

6. It is desirable to avoid the use of hyphens to connect parts of Indian names.

7. Names consisting of more than one word may be connected by hyphens or combined in one word as may be advisable.

8. It is desirable to avoid the use of the words city and town as parts of names.

9. The form 'canyon' may be used instead of 'cañon,' but the latter is preferable.

10. The term 'brook' is considered preferable to 'creek' for designating small streams, and will be adopted in cases where the latter has not become too firmly fixed.

11. The Board suggests that the initial letters of generic or descriptive parts of geographical names, when used in reports or other documents, should not be capitals.

12. The use of alternative names should be discontinued where possible or not inconvenient.

13. Geographical names in a foreign country should be rendered in the form adopted by that country, except where there are English equivalents already fixed by usage.

14. French names in Canada are to be spelt, accented, hyphenated, &c., according to the rules of the French language.

15. In cases where names already exist, and have been published in both English and French form and have been sanctioned by long usage, no attempt shall be made to abolish either form, but both may be recognized and published in the Board's lists or decisions and it shall be deemed correct to use either form in official documents in either language. In all other cases any duplication of form shall be discouraged and preference shall be given to the form which has priority of origin, whether this be English or French.

16. In English text and map printing, the use of hyphens for composite French names, though it is recommended, shall not be considered obligatory.

17. The spelling of native geographical names should represent, approximately, the true sounds of the words as pronounced in the native tongue. In the orthography of names of Indian origin in the province of Quebec, the rules of the Board, based on those of the Royal Geographical Society, are preferable to French practice as being simpler and in accordance with international usage, and shall be followed in the case of new names.

18. Where a generic descriptive term, such as Cape, Bay, River, &c., is added to a name, it is permissible to translate such term into French for use in French

publications, or into English for use in English publications, if it can be done without producing a mixture of English and French.

19. The Board adopts the rules of the Royal Geographical Society for the orthography of geographical names, of which the broad features are as follows:—

(*a*) The vowels are to be pronounced as in Italian and the consonants as in English.

(*b*) Every letter is pronounced, and no redundant letters are introduced. When two vowels come together each one is sounded, though the result, when spoken quickly, is sometimes scarcely to be distinguished from a single sound, as in *ai, au, ei.*

(*c*) One accent only is used, the acute, to denote the syllable on which stress is laid. This is very important, as the sounds of many names are entirely altered by the misplacement of this 'stress.'

The following amplification of the foregoing rules explains their application:—

Letters.	Pronunciation and Remarks.	Examples.
a	*ah*, *a* as in *father*.	Java, Banana, Somali, Bari.
e	*eh*, *a* as in *fate*.	Tel el Kebir, Oleleh, Yezo, Medina, Levuka, Peru.
i	English *e*; *i* as in *ravine*; the sound of *ee* in *beet*. Thus, not *Feejee*, but	Fiji, Hindi.
o	*o* as in *mote*.	Tokyo.
u	long *u* as in *flute*; the sound of *oo* in *boot*. *oo* or *ou* should never be employed for this sound. Thus, not *Zooloo*, but	Zulu, Sumatra.
	All vowels are shortened in sound by doubling the following consonant.	Yarra, Tanna, Mecca, Jidda
	Doubling a vowel is only necessary when there is a distinct repetition of the single sound.	Nuulua, Oosima.
ai	as in *aisle*, or English *i* as in *ice*.	Shanghai.
au	*ow* as in *how*. Thus, not *Foochow*, but	Fuchau.
ao	is slightly different from above	Macao.
aw	when followed by a consonant or at the end of a word, as in *law*.	Cawnpore.
ei	is the sound of the two Italian vowels, but is frequently slurred over, when it is scarcely to be distinguished from *ei* in the English *eight* or *ey* in the English *they*.	Beirut, Beihul.
b	English *b*.	
c	is always soft, but is so nearly the sound of *s* that it should be seldom used.	Celebes.
	If *Celebes* were not already recognized it would be written *Selebes*.	
ch	is always soft as in *church*.	Chingchin.
d	English *d*.	
f	English *f*. *ph* should not be used for the sound of *f*. Thus, not *Haiphong*, but	Haifong, Nafa.
g	is always hard. (Soft *g* is given by *j*).	Galapagos.
h	is always pronounced when inserted.	
hw	as in *what*; better rendered by *hw* than by *wh*, or *h* followed by a vowel, thus *Hwang ho*, not *Whang ho*, or *Hoang ho*.	Hwang ho, Ngan hwei.
j	English *j*. *Dj* should never be put for this sound.	Japan, Jinchuen.
k	English *k*. It should always be put for the hard *c*. Thus, not *Corea*, but	Korea.
kh	The Oriental guttural.	Khan.
gh	is another guttural, as in the Turkish.	Dagh, Ghazi.
l, m, n	As in English.	
ng	has two separate sounds, the one hard as in the English word *finger*, the other as in *singer*. As these two sounds are rarely employed in the same locality, no attempt is made to distinguish between them.	
p	As in English.	
ph	As in *loophole*.	Chemulpho, Mokpho.
th	stands both for its sound in *thing*, and as in *this*. The former is most common.	Bethlehem.
q	should never be employed; *qu* (in *quiver*) is given as *kw*.	Kwangtung.
	When *qu* has the sound of *k* as in *quoit*, it should be given by *k*.	
r, s, sh, t, v	As in English.	
w		Sawakin.
x		
y	is always a consonant, as in *yard*, and therefore should never be used as a terminal, *i* or *e* being substituted as the sound may require. Thus, not *Mikindany*, but not *Kwaly*, but	Mikindani. Kwale.
z	English *z*.	Zulu.
zh	The French *j*, or as *s* in *treasure*.	Muzhdaha.
	Accents should not generally be used, but where there is a very decided emphatic syllable or stress, which affects the sound of the word, it should be marked by an *acute* accent.	Tongatábu, Paiáwon, Sar áwak.

DECISIONS

In the following list of names, those approved by the Board are printed in black type. Names, and different forms of the same name, which have been discarded are also given; the former being printed in *italics* and alphabetically arranged with the adopted names, but the latter, when nearly like the adopted forms, are not repeated.

A

Abatagush; bay, at the south end of lake Mistassini, Mistassini district, Que.

Aberdeen; mount, northeast of mount Lefroy, Alta. (Not Hazel peak.)

Abbika. See Apika.

Abbot; pass, near mount Lefroy, Alta., and B.C.

Abbott; mount, south of Glacier station, Kootenay district, B.C.

Abbott Corners; post office, Missisquoi county, Que. (Not Abbotts Corners.)

Abitibi; district, Que., also lake on boundary line between Ontario and Quebec, and river flowing from the lake to Moose river, Ont. (Not Abitibbi, Abittibi, nor Abittibbi.)

Abloviak; bay, east shore of Ungava bay, Que. (Not Ablorialik.)

Aboushagan; river, Westmorland county, N.B. (Not Abouchagan, Aboushogan, Aboushagin, nor Abougoggin.)

Abraham. See Abram.

Abram; lake, north of Minnitaki lake, Kenora district, Ont. (Not Abraham nor Abram's.)

Acheninni; lake, on Grassberry river, central Saskatchewan. (Not Blackfeet.)

Achigo. See Sachigo.

Active; pass, between Galiano and Mayne islands, in the southern portion of the strait of Georgia, B.C. (Not Plumper's.)

Actonvale; town, Bagot county, Que. (Not Acton Vale.)

Acton Corners; post office, Grenville county, Ont. (Not Acton's Corners.)

Adam; lake, west of Fluke lake, Kenora district, Ont.

Adamant; glacier and mountain, west of the Gothics, Selkirk Mts., Kootenay, B.C.

Adams; creek, branch of Bonanza creek, Klondike river, Yukon.

Adams; lake and river, emptying into the westerly end of Shuswap L., Yale dist., B.C.

Adelaide; island, northeast of Grenadier island, St. Lawrence R. Leeds county, Ont.

Admiral. See Saltspring.

Admiralty; group of islands, St. Lawrence R., south of Gananoque, Leeds Co., Ont.

Adstock; township and village, Beauce county, Que.

Advance; reef, off Michael point, Manitoulin island, Manitoulin district, Ont.

Affleck; lake, northwest of Rosamond lake, Kenora district, Ont.

Afton; mount, south of mount Abbott, Selkirk mountains, Kootenay district, B.C.

Agawa; bay, islands, point, and river, Manitoulin district, Ont. (Not Aguawa.)

Agnes; lake, west of lake Louise, Alta. (Not The Goat's Looking Glass.)

Agotawekami; lake, southeast of Abitibi lake, Abitibi district, Que.

Aguawa. See Agawa.

A. H. Ward. See Ward.

Ahwillgate. See Awillgate.

Aiabewatik; lake, east of Anzhekumming lake, Kenora district, Ont.

Aiktow; creek, flowing into the S. Saswatchewan at 'The Elbow,' Sask.

Ainslie; shoal, south of Girouard point, Manitoulin island, Manitoulin district, Ont.

Airy; mount, east of mount Stanley, Kootenay district, B.C.

Aishihik; lake, and river tributary to the Dezadeash, southwestern Yukon.

Aiskew; island, northward of Frank point, western shore of Observatory inlet, Cassiar district, B.C.

Akolkolex; river, tributary to Columbia river, between Revelstoke and Arrowhead, Kootenay district, B.C. (Not Akotkolex.)

Akos; lake, at head of Kamachigama R., Montcalm Co., Q. (Not Akonse nor Akoney.)

Akotkolex. (See Akolkolex.)

Akpatok, island, Ungava bay, Ungava, Que.

Akpatok. See Aukpatuk.

Akuinu; river, tributary to Athabaska river, Alta. (Not A-kew-i-new.)

Akuling; inlet, north shore of Hudson strait, N.W.T. (Not A-ku-ling.)

Akwatuk; bay and river, south of Big river, Ungava, Que. (Not Aquatuk.)

Albanel; lake, east of Mistassini lake, Mistassini district, Que. (Not Little Mistassini nor Mistassinis.) Mistassini lake and the lake called in recent years 'Little Mistassini' or 'Mistassinis,' were explored in 1762 by Père Charles Albanel, a Jesuit missionary, when on his way from L. St. John to Hudson bay *via* Rupert river. Père Albanel gave his name to the smaller lake and it is so named on the maps of Laure 1732, Bellin 1755, D'Anville 1755 and others from 1763 to 1794. In view of this evidence and the recommendation of the advisory member of the Board representing the province of Quebec, the previous decision has been revised.

Albee; lake, Montbeillard township, Pontiac county, Quebec.

Albert; canyon, creek, glacier, peak, and snowfield, east of Illecillewaet river, Kootenay district, B.C.

Albert; port, Huron county, Ont.

Albert; town, in Albert county, N.B. (Not Hopewell Corner.)

Albert. See Anderson.

Alberta; province, also Mt. Alberta, north of Mt. Columbia, Rocky Mts., Alta.

Aldborough; post office and township, Elgin county, Ont. (Not Aldboro.)

Albury; post village, Ameliasburg township, Prince Edward county, Ont.

Alcott; creek, flowing northeasterly into Chitek river, central Sask. (Not Rat.)

Aldridge; lake, west of Obowanga river, Thunder Bay district, Ont.

Alemek. See Lamek.

Alexander; railway station, slough, and village, Manitoba. (Not The Big slough.)

Alexandra; lake, Smellie township, Kenora district, Ont.

Alexandra; mount, west of Mt. Lyell, summit range of the Rockies, Alta., and Kootenay district, B.C.

Alexis; creek and lake, tributary to Chilcotin river, also Alexis Creek, post office, Cariboo district, B.C.

Alford; post office and railway station, Brant county, Ont. (Not Alford Junction.)

Alford Junction. See Alford.

Algernon; rock, in St. Lawrence river, southeast from 'Stone Pillar,' below Goose island, L'Islet county, Que. (Not Roche à Veillons nor South.)

Alice; lake, northeast of Bow lake, Alta.

Alki; creek, tributary to Klondike river, Yukon.

Allan; lake, east of Wallace river, and river tributary to Saulteux R., central Alta.

Allan; point, south of Dorval, Jacques Cartier county, Que. (Not Marion.)

Allan Corners; post office, Chateauguay county, Que. (Not Allan's Corners.)

Allan Mills; post office, Lanark county, Ont. (Not Allan's Mills.)

Allanwater; river, emptying into Wabakami lake, Thunder Bay district, Ont.

Allen; island, west of Beekman peninsula, N.W.T.

Allgold; creek, tributary to Klondike river, Yukon.

Alligator; lake and mountain, north of Watson river, southern Yukon.

Alma; creek, tributary to Klondike river, Yukon.

Alouettes, (pointe aux): point, at southern entrance to Saguenay river, Saguenay county, Que. (Not Lark point nor Pte. Aux Alouette.)

Alsek; river, formed by the junction of the Dezadeash and Kaskawulsh, Cassiar district, B.C., and Yukon. (Not Alseek nor Altsek.)

Alukpaluk; bay, southeast shore of Ungava bay, Que.

Alwin; rock, west of Bigsby island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Amazon. See Milton.

Ameliasburg; township, Prince Edward county, Ont. (Not Ameliasburgh.)

Amherst; island, in lake Ontario, Addington county, Ont.

Amik; lake, south of Minnitaki lake, Kenora district, Ont.

Amikitik. See LaSarre.

Amiskwi; peak, at headwaters of Amiskwi R. Rocky Mts., Kootenay district, B.C.

Amiskwi; river, tributary to Kicking Horse river, Kootenay district, B.C. (Not Beavertail nor North Branch of Kicking Horse river.)

Amy; point, at north end of Gribbell island, Coast district, B.C.

Anaham. See Anahim.

Anahim; creek, tributary to Chilcotin river, also lake and Indian Reserve, Cariboo district, B.C. (Not Anaham.)

Anamebini; river, tributary to Severn R., Patricia district, Ont. (Not Anamabine.)

Anderson; channel, east of Beekman peninsula, N.W.T.

Anderson; lake, southwest of Seton lake, Lillooet district, B.C.

Anderson; mount, south of Wheaton river, southern Yukon.

Anderson; point N.E. entrance to Washow bay, L. Winnipeg, Man. (Not Albert.)

Anderson. See Henderson.

Anderson Corners; post office, Huntingdon county, Que. (Not Anderson's Corners.)

Anerley; lake, Tp. 28, Rges. 9 and 10, W. 3 M. Sask. (Not Red Deer.)

Anesty. See Anstey.

Ange Gardien de Rouville. See Canrobert.

Angle; mountain, in the angle formed by the Seymour arm of Shuswap lake, Yale district, B.C.

Angle peak. See The Vice-President.

Ann; point, Upper Arrow lake, Kootenay district, B.C. (Not Lone Tree.)

Anne; point, opposite Massasauga point, Hastings county, Ont.

Annette; lake, north of mount Temple, Alta.

Annie; lake, north of the 'big bend' of Wheaton river, southern Yukon.

Annimwash; bay, in L. St. Joseph, and lake north of L. St. Joseph, Patricia, Ont.

Anse-au-Vallon; village, Gaspe county, Que. (Not L'Anse-à-Valleau.)

Anstey; arm, creek, lake, and river, Shuswap lake, Yale district, B.C. (Not Anesty.)

Anstey; mount, Selkirk range, Kootenay district, B.C.

Anstruther; lake and township, Peterborough county, Ont. (Not Eagle.)

Ant. See Deacon.

Anticline; mountain, between headwaters of Nordenskiöld R. and L. Laberge, Yukon.

Antler; creek, tributary to Souris river, southern Man. and Sask. (Not South Antler.)

Antonio; point, southerly extremity of Maurelle island, Coast district, B.C.

Anuk; river, tributary to Stikine river, Cassiar district, B.C.

Anvil; mountain, between Cottonwood and Dease rivers, Cassiar district, B.C.

Anwatan; lake, east of Grand lake Victoria, Pontiac county, Que.

Anzhekumming; lake, northeast of Manitou lake, Kenora district, Ont. (Not Upper Manitou.)

Apeganau; river, tributary to Burntwood river, Manitoba. (Not Muddy Water.)

Apika; brook, flowing into head of L. Timiskaming, Pontiac, Que. (Not Abbika.)

Apussigamasi; lake, on Burntwood river, Manitoba. (Not Appussigamahsin.)

Aquatuk. See Akwatuk.

Arbutus; rock, south of cape Hurd, Bruce county. Ont.

Arbutus. See Saddle.

Arcand; bay, in Ottawa river, west of Montebello, Ottawa county, Que. (Not Arcans, Cardinal's nor Charlebois.)

Arcans. See Arcand.

Archibald; bay, north shore of Hudson strait, N.W.T.

Arcs (lac des); lakes, south of Bow river, Rocky Mountains park, Alberta.

Ardoise. See L'Ardoise.

Argyle; creek, tributary to St. Mary river, Kootenay district, B.C.

Argyle; islands, northwest of Burke island, Bruce county, Ont.

Arignole. See Original.

Arkansas; creek, tributary to Dominion creek, Indian river, Yukon.

Ark-e-leenik. See Thelon.

Arkell. See Kusawa.

Arlington; lakes and mountain, west of the west fork of Kettle river, Yale, B.C.

Arm; islands, Southgate group, Queen Charlotte sound, Coast district, B.C.

Arm; river, flowing into the southern portion of Last Mountain lake, southern Sask.

Armit; river, flowing into Red Deer lake, Man. and Sask. (Not Armitt.)

Armitt. See Armit.

Armstrong; lake, Redditt township, Kenora district, Ont.

Arnet; island, southwest of Stone island, Clayoquot sound, Vancouver I., B.C.

Aroma; lake, northeast of Tramping lake, Sask.

Aroostook; river, tributary to St. John river, Victoria county, N.B. (Not Arostook.)

Arosen; island, in Ottawa river, west of Montebello. Ottawa county, Que. (Not Arouson, Rousseau nor Roussin.)

Arrow; lake and river, tributary to Pigeon river, Thunder Bay district, Ont.

Arrowsmith; mount, southeast of Alberni, Vancouver island, B.C.

Arrowwood. See Rosebud.

Arthuret; village, Victoria county, N.B. (Not Arthurette.)

Arthur Land. See Ellesmere.

Arthur Seat; mountain, near Nahlin river, Cassiar district, B.C. (Not Arthur's.)

Arva. See Medway.

Ascot; post office, Sherbrooke county, Que. (Not Ascot Corner.)

Ash; brook, northeast of Nozheiatik lake, Kenora district, Ont.

Ash; lake, Redditt township, Kenora district, Ont.

Ash. See Lynedoch.

Asham; point, southwest of Peonan point, lake Manitoba, Man.

Ashby; lake and township, Addington county, Ont. (Not Island lake.)

Ashe; inlet, south shore of Big island, Hudson strait, N.W.T.

Ashe; lake, northeast of Blaine lake, central Saskatchewan.

Asheigamo; lake, S. of L. Hill, Kenora district, Ont. (Not Bass nor Tasheigama.)

Asheweig; river, tributary to Winisk river, Patricia, Ont. (Not West Winisk.)

Ashton; point, Douglas channel, opposite Maitland island, Coast district, B.C.

Ashuapmuchuan; lake and river, Lake St. John county, Que.

Asinitchibastat; lake, west of Chibougamau lake, Abitibi district, Que. (Not Asinitebastat.)

Asipimocasi. See Magusi.

Asippitti; river, tributary to Burntwood river, Manitoba.

Askitichi; lake, headwaters of Ashuapmuchuan river, Chicoutimi county, Que.

Askow. See Bow.

Askwahani. See Eskwahani.

Aspasia; island, southwest of Grenadier island, St. Lawrence R., Leeds county, Ont.

Aspatagoen. See Aspotogan.

Aspotogan; harbour, mountain, peninsula, and post office, Lunenburg county, N.S. (Not Aspatageon.)

Aspy; bay and river, Victoria county, N.S. (Not Aspec.)

Assiniboine; mount, Alta. and Kootenay district, B.C.

Assinkepatakiso; lake, near Atikwa lake, Kenora district Ont.

Assiwanan; lake, at headwaters of St. Maurice river, Champlain county, Que. (Not Asiwawanan.)

Astounder; island, southwest of Axeman island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Asulkan; brook, falls, glacier, pass, and ridge, Selkirk Mts., Kootenay district, B.C.

Atem. See Atim.

Athabaska; lake, in Alta. and Sask. (Not Athabasca.)

Athabaska Landing; post settlement, Alberta. (Not Athabasca Landing.)

Athabaska; mount, at headwaters of Sunwapta river, also glacier, Rocky Mts., Alta. (Not Athabasca.)

Athabaska; pass, at headwaters of Whirlpool river, Alta., and Cariboo district, B.C. (Not Athabasca.)

Athabaska; river, Alberta. (Not Athabasca.)

Athapapuskow; lake, west of Cranberry lake, Manitoba. (Not Athapuscow.)

Athol; bay, Athol township, Prince Edward county, Ont. (Not Little Sandy.)

Atic-a-make. See Atikameg.

Atik; river, tributary to Migiskan river, below Millie lake, Abitibi district, Que. (Not Atikosipi.)

Atikameg; lake, western Manitoba. (Not Atic-a-make.)

Atikmahik. See Beaudry.

Atikonak; lake and river, near height of land, south of Hamilton river, Ashuanipi district, Que. (Not Attikonak.)

Atikosipi. See Atik.

Atikwa; lake, southwest of Dryberry lake, Kenora district, Ont. (Not Deer.)

Atim; river, flowing into Manuan lake, upper St. Lawrence river, Champlain county, Que. (Not Atem.)

Atlin; lake, Cassiar district, B.C. and Yukon.

Atlin; mining division and mountain, Cassiar district, B.C.

Atocas. See Azatika.

Attawapiskat; lake and river, emptying into James bay, Patricia district, Ont. (Not At-tah-wha-pis-kat nor Attawapiscat.)

Attim Segoun. See Iosegun.

Atikkamek; creek, tributary to Iosegun river, Alta. (Not Atikkamey.)

Attikonak. See Atikonak.

Attitti; lake, south of Churchill river and east of Pelican narrows, Sask.

Aubrey; island, Admiralty group, St. Lawrence river, Leeds county, Ont. (Not Burnt, Dark, nor Smoke.)

Augustine; peak, in the Bishops' range of the Selkirks, Kootenay district, B.C.

Aukpatuk; fishing station, west coast of Ungava bay, Que. (Not Akpatok.)

Aulac; river, emptying into Cumberland bay, Westmorland county, N.B. (Not Au Lac nor Oulac.)

Ausable; river, south of Goderich, Huron county, Ont. (Not aux Sables nor Sable.)

Austerity; mountain, north of Adamant mountain, Selkirk Mts., Kootenay dist, B.C.

Austin; lake, Melick township, Kenora district, Ont.

Australia; creek, tributary to Indian river, Yukon.

Autaca. See Azatika.

Ava; inlet, north shore of Hudson strait, N.W.T.

Avalanche; creek, glacier, and mountain, Selkirk mountains, Kootenay district, B.C.

Avens; mount, east of Protection mountain, Rocky mountains, Alta.

Awillgate; canyon and village, on Bulkley river, four miles from the Skeena, Cassiar district, B.C. (Not Ahwillgate.)

Axel Heiberg; island, west of Ellesmere island, N.W.T.

Axeman; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Ayesha; peak, north of mount Collie, Rocky mountains, Kootenay district, B.C.

Aylen; lake, Dickens township, Nipissing district, Ont. (Not Little Opeongo.)

Aylmer; mount, also canyon, north of Minnewanka lake, Rocky Mts. park, Alta.

Aylmer; lake, Wolf county, Que.

Aylmer; railway station and town, Ottawa county, Que. (Not Aylmer East.)

Aylmer; town, Elgin county, Ont.

Aylmer; township, Beauce county, Que.

Azatika; bay and brook, Prescott county, Ont. (Not Atocas, Autaca, Dez Amecane nor Deseticaux.)

Azimuth; mountain and peak, north of Mt. Sir Sandford, Selkirk Mts., Kootenay district, B.C.

B

Babine; mountain range, lake, and river tributary to Skeena river, Cassiar and Coast districts, B.C.

Bach; mount, in southwestern Yukon, near Hutshi lakes.

Bachewanaung. See Batchawana.

Back. See Prairies.

Backs; river, flowing northeasterly into the Arctic ocean, N.W.T. (Not Thleweecho-deezeth nor Great Fish.)

Back's Western. See Western.

Bacon; cove and point, on north side of Prince Rupert harbour, Coast district, B.C.

Bacon; rock, west of Ridley island, S.E. of entrance to Prince Rupert harbour, B.C.

Bacon. See Vigilant.

Bad. See Bull.

Badesdawa; lake, north of L. St. Joseph, Patricia district, Ont.

Bad Neighbour; rock in main channel entrance to Georgian bay, Bruce Co., Ont.

Bad Rice. See Kaiashkomin.

Bad Throat. See Manigotagan.

Baffin; island, N.W.T. (Not Baffin Land.)

Bagheera; mountain, Hermit range of the Selkirks, Kootenay district, B.C.

Bagot; island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Narrow nor Rattlesnake.)

Bagutchuan. See Pagwachuan.

Bagwah. See Lonely.

Baie des Chaleurs. See Chaleur bay.

Baie-St. Paul; town, Charlevoix county, Que. (Not St. Paul's Bay.)

Baie-Verte; village, Westmorland county, N.B. (Not Bay Verte.)

Bailey; lake, south of L. Seul, Kenora district, Ont. (Not Edith.)

Bain; brook, tributary to Incomappleux river, Kootenay district, B.C.

Bain; rock, in middle of channel between Great and Outer Duck islands, Manitoulin district, Ont.

Bakado; lake, south of Separation lake, Kenora district, Ont.
Baker; creek and lake, north of Eldon station, Rocky mountains, Alta.
Baker; creek, tributary to Yukon river, south of Klondike river, Yukon.
Baker; island, between Nigger island and Trenton, Hastings county, Ont.
Baker; mount, south of Howse pass, Rocky mountains, B.C.
Bald; head, at entrance to Weller bay, Prince Edward county, Ont.
Bald; creek, headwaters of Klondike river, Yukon.
Bald; island, in Weller bay, Ameliasburg township, Prince Edward county, Ont.
Bald; mountain, east of Sir Donald range of the Selkirks, Kootenay district, B.C.
Bald Eagle; lake, on Grass river, Manitoba.
Baldur; mount, west of Upper Arrow lake, Kootenay district, B.C.
Baldwin's pond. See Lyster lake.
Balfour; mount, also glacier and pass, Rocky mountains, Alta. and B.C.
Ball, Lake; English river, Kenora district, Ont.
Ballantyne; bay and river, Deschambault lake, central Sask.
Ballenas; channel and island, strait of Georgia, New Westminster district, B.C. (Not Ballinac.)
Ballinac. See Ballenas.
Balne; lake, south of Silver lake, Kenora district, Ont.
Bamaji; lake, Cat river, west of L. St. Joseph, Patricia district, Ont. (Not Bamajigma nor Cross.)
Banfield; creek, emptying into Barkley sound, Vancouver I., B.C. (Not Bamfield.)
Banks; island N.W. of Victoria I., N.W.T. (Not Bank's Land, nor Baring Land.)
Banner; post settlement, Oxford North township, Oxford county, Ont.
Bannock; burn, tributary to Little Slocan R., Kootenay, B.C. (Not Bannock creek.)
Bannock; point, at north end of Upper Arrow lake; Kootenay district, B.C.
Baptist; harbour, lake, and rock, southeast of cape Hurd, Bruce county, Ont.
Baptiste; creek and lake, west of Athabaska Landing, central Alberta.
Baptiste; lake, Herschel township, Hastings county, Ont. (Not Kaijick Manitou.)
Baptiste; river, tributary to the Saskatchewan, central Alberta.
Barbara; lake, southeast of L. Nipigon, Thunder Bay district, Ont. (Not Gull.)
Barber; lake, in McGarry township, Timiskaming district, Ont.
Barbue; post office, Rouville county, Que. (Not Barbue de St. Césaire.)
Barbue de St. Césaire. See Barbue.
Barclay; railway station, Kenora district, Ont.
Barclay. See Barkley.
Barge; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.
Barham; mount, west of Surprise lake, Cassiar district, B.C.
Baring. See Banks.
Bark; lake, Jones township, Renfrew county, Ont.
Barkley; sound, on the northwest coast of Vancouver island, B.C. (Not Barclay.)
Barnaby; railway station, river, and village, Northumberland county, N.B. (Not Barnaby River P.O.)
Barnard; lake, northwest of Sturgeon lake, Thunder Bay district, Ont.

Barnes; bay, north shore of Okisollo channel, Coast district, B.C.

Barnes; creek, tributary to Whatshan river, Kootenay district, B.C.

Barney; river, Pictou county, N.S. (Not Barney's.)

Barney River; post office, Pictou county, N.S. (Not Barney's River.)

Barnston; lake, English river, Kenora district, Ont.

Barnston pond. See Lyster lake.

Barrel. See Keg.

Barren; brook, south of Eagle lake, Kenora district, Ont.

Barrett; ledges, east side Brandypot channel, St. Lawrence R., Temiscouata Co., Que.

Barrett; reef, southeast of Milton bank, Bruce county, Ont.

Barrett; rock, east of entrance to Prince Rupert harbour, Coast district, B.C.

Barrette; lake, Methuen township, Peterborough county, Ont.

Barrie; beach, east entrance Halifax harbour, Halifax Co., N.S. (Not Stony.)

Barrie; lake, Redditt township, Kenora district, Ont.

Barrière; lake, an expansion of the upper Ottawa river, Pontiac county, Que.

Barrington; lake, northwest of Kawaweogama lake, Thunder Bay district, Ont.

Bartibog; P.O., river, and railway station, Gloucester county, N.B. (Not Bartibogue.)

Barwell; mount, between the upper waters of Fisher creek and Sheep river, Alta.

Basin; lake, northwest of Lenore lake, central Sask.

Basin of Mines. See Minas basin.

Basket; lake, south of Minnitaki lake, Kenora district, Ont.

Bason. See Bouleau.

Basquia. See Pasquia.

Bass; islands (3), Admiralty group, St. Lawrence river, Leeds county, Ont. (Not Seven Pines.)

Bass. See Asheigamo.

Bass. See Cassidy.

Bass. See Jacob.

Basswood; lake, Int. boundary, Rainy River district, Ont. (Not Whitewood.)

Bastion; island, in southern portion of Atlin lake, Cassiar district, B.C.

Bastion; mountains, north of Salmon arm of Shuswap lake, Yale district, B.C.

Batchawana; bay, island, river, and village, Algoma district, Ont. (Not Bachewanaung nor Batchewana.)

Bath; creek and glacier, near Stephen station, Alta. (Not Noores.)

Bathing. See Royal.

Bathurst; island, east of Melville island, N.W.T.

Bathurst. See Grenadier.

Battersby; island, Brock group, St. Lawrence R., Leeds Co., Ont. (Not Burntstone.)

Battle; brook, tributary to Incomappleux river, Kootenay district, B.C.

Battle; lake, on Battle river, Alta. (Not Battle River lake.)

Battle; mountain, west of Alexis creek, Cariboo district, B.C.

Battle; river, flowing into the Saskatchewan at Battleford, Alta. and Sask.

Battleford; town, central Saskatchewan.

Baudet; river, Glengarry county, Ont., also post village and river, Soulanges county, Que. (Not Beaudet, Bôdet, Rivière Beaudette nor River Beaudette.)

Baumbardt; island, at entrance to Landon bay, St. Lawrence river, Leeds county, Ont.

Baxter; river, emptying into Waswanipi lake, Abitibi district, Que.

Baxter Harbour; post office, King's county, N.S. (Not Baxter's Harbour.)

Bayfield; river and town, Huron county, Ont.

Bayfield; shoal, west of Abraham head, east of Kingston, Frontenac county, Ont. (Not Bolivia.)

Bayley; bay, eastern extreme of Basswood lake, Int. boundary, Rainy R. district, Ont.

Baynes. See Maxwell.

Bays; lake of, Ridout township, Muskoka district, Ont.

Bayside; post village, Sidney township, Hastings county, Ont.

Bay Verte. See Baie-Verte.

Bazan; bay, north of Cordova channel, Vancouver island, B.C.

Beacon. See Inukshuktuyuk.

Beady; creek, near outlet of Dease lake, Cassiar district, B.C.

Beament; island, southeast of Cavalier island, Bruce county, Ont.

Bear; creek, tributary to Klondike river, Yukon.

Bear; river, Annapolis and Digby counties, also Bear River post office, Digby county, N.S. (Not Hébert.)

Bear. See Darlens.

Bear. See Great Bear.

Bear. See Lorrain.

Bear. See Mansfield.

Bear. See Maskwa.

Bear. See Morin.

Bear. See Mistaya.

Bear. See Suskwa.

Bear. See Wapawekka.

Bearbrook; post office, Russell county, Ont. (Not Bear Brook.)

Bearwood; lake, Brudenell township, Renfrew county, Ont.

Bear-grease; river, upper Ottawa river, near O'Sullivan lake, Montcalm county, Que.

Bear Lake river. See Deschambault.

Beaton; mount, on boundary line, in great bend of Tatshenshini river, Cassiar district, B.C. and Yukon.

Beatrice; cape, E. side of Lower Arrow L., Kootenay district, B.C. (Not cape Horn.)

Beatrice; lake, west of Slocan lake, Kootenay district, B.C.

Beatty; point, in upper portion of Prince Rupert harbour, Coast district, B.C.

Beaubien; lake, east of Silver lake, Kenora district, Ont.

Beauchamp; lake, Figuery, Trécesson and Villemontel townships, Abitibi district, Que. (Not Spirit.)

Beaudry; lake, Beaumesnil township, Pontiac county, Que. (Not Atikmahik.) Previous decision revised.

Beaumont; harbour, north shore of Hudson strait, N.W.T.

Beaupré; creek, tributary to Bow river, Alta.

Beaurivage; island, Admiralty group, St. Lawrence R., Leeds Co., Ont. (Not Buck's.)

Beaver; glacier, mountain, and river, Selkirk mountains, Kootenay district, B.C.

Beaver; lake, south of Atlin lake, Cassiar district, B.C.

Beaver; river, tributary to Churchill river, central Alberta and Saskatchewan.

Beaver. See Beaverdell.

Beaver. See Beaverhill.

Beaver. See McFarlane.

Beaverdam. See Castor.

Beaver-dam. See Wuskwatim.

Beaverdell; creek, tributary to west fork of Kettle river, also village, Yale district, B.C. (Not Beaver creek.)

Beaverfoot; range of mountains and river, near Leanchoil sta., Kootenay dist., B.C.

Beaverhill; creek and lake, east of Edmonton, Alta. (Not Beaver.)

Beaverhouse; lake, McVittie township, Timiskaming district, Ont.

Beaverhouse; lake, southwest of Eagle lake, Kenora district, Ont.

Beaverlodge; river, tributary to Wapiti river, west of Grande Prairie, Alta. (Not Beaver Lodge.)

Beavertail. See Amiskwi.

Becaguimec; lake and river, Carleton and York counties, N.B. (Not Beccaguimec nor Peckagomique.)

Bécancour; lake, Thetford township, Megantic county, Que.

Becher; bay, southern coast of Vancouver island, B.C. (Not Beecher.)

Beck; island, west of Stone island, Clayoquot sound, Vancouver island, B.C.

Becker; creek, tributary to Wheaton river, southern Yukon.

Beckington; lake, southeast of Harris lake, Thunder Bay district, Ont.

Becroft; point, at south entrance to Weller bay, Prince Edward county, Ont.

Beddingfield. See Malahat.

Bedford; harbour, north shore of Hudson strait, N.W.T.

Bedlington; custom house, Int. boundary, Kootenay district, B.C. (Not Rykerts.)

Bedrock; creek, tributary to Sixtymile river, Yukon.

Bee; peak, east of Taku arm, Cassiar district, B.C.

Beech; point, Fitzwilliam island, Manitoulin district, Ont.

Beecher. See Becher.

Beechridge; post village, Argenteuil county, Que. (Not Beech Ridge.)

Beechwood; village and railway station, Carleton county, N.B. (Not Bumfrau.)

Beechy; head, southern coast of Vancouver island, B.C.

Beeghados. See Pachena.

Beekman; peninsula, south of entrance to Cumberland sound, N.W.T.

Begbie; mount, southwest of Revelstoke, Kootenay district, B.C.

Belabourer; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Bélanger; bay and point, near Girouard point, Manitoulin district, Ont. (Not West Belanger.)

Bélanger; post office, Laval county, Que. (Not Village Bélanger.)

Bélanger; river, flowing into L. Winnipeg, Manitoba. (Not Black nor Little Black.)

Belas. See Lepreau.

Belcher; mount, Saltspring island, southeast coast of Vancouver island, B.C.

Bell; mount, south of Wheaton river, southern Yukon.

Bell; river, flowing from the height of land near Grand lake Victoria and emptying into Mattagami lake, Abitibi district, Que.

Bellmay; post village and railway station, Leeds county, Ont. (Not Bellmay's.)

Bellefeuille; river, flowing from Robertson lakes to Makamik lake, Abitibi district, Que. (Not Kakameonan.)

Belle-Vallée; post office, St. Johns county, Que. (Not Belle Vallée nor Bellevalle.)

Belliveau; cove and village, Digby county, N.S. (Not Belliveau Cove nor Belliveaux Cove.)

Belliveau; village, Westmorland county, N.B. (Not Beliveau.)

Bells Corners; post village and Ry. station, Carleton Co., Ont. (Not Bell's Corners.)

Belly. See Mokowan.

Belmina; post village, Wolfestown township, Wolfe county, Que.

Bending; lake, at head of Big Turtle river, Kenora district, Ont.

Bennett; lake, B.C. and Yukon.

Bennett; mount, northwest of Stupart bay, Hudson strait, Ungava, Que.

Benson; creek, tributary to the north fork of Klondike river, Yukon.

Benson; lake, in Skead township, Timiskaming district, Ont.

Benson; mount, west of Nanaimo, Vancouver island, B.C.

Benson; point, South bay, Manitoulin island, Manitoulin district, Ont.

Bent; lake, east of Tawatinaw lake, Kenora district, Ont.

Bentinck; island, south of Pedder bay, Vancouver island, B.C.

Berens; H. B. Co.'s post, also island and river, E. of L. Winnipeg, Man. (Not Beren's.)

Bergheim; settlement, in Tp. 37, R. 3, W. 3 M., Sask.

Bernard; lake, south of Bennett lake, Cassiar district, B.C.

Berney; creek, tributary to Wheaton river, southern Yukon.

Berry; lake, north of Lobstick bay, Kenora district, Ont.

Berry Mills; post village and railway station, Westmorland county, N.B. (Not Berry's Mills.)

Bersimis; point, river, and village, Saguenay county, Que. (Not Betsiamits.)

Best. See Hatton.

Betsiamits. See Bersimis.

Biddle; mount, south of mount Lefroy, Rocky mountains, Kootenay district, B.C.

Biddle; pass, between Mt. Biddle and Park Mt., Yoho park, Rocky Mts., B.C.

Bident; mountain, east of mount Fay, Rocky mountains, Kootenay district, B.C.

Big; bay and island, in the bay of Quinte, Prince Edward county, Ont. Big Island post office is on the north side of the island.

Big. See Black.

Big. See Dumoine.

Big. See Hecla.

Big. See Koksoak.

Big. See Merigomish.

Big. See Skelton.

Big Black. See Hecla.

Big Cutarm. See Cutarm.

Big Egg. See Missawawi.

Bigelow; island, Weller bay, Prince Edward county, Ont.

Bighill; creek, tributary to Bow river, Alta.

Bighorn; mountain range, extending from Brazeau river to the Saskatchewan, also river tributary to the Saskatchewan, Alta. (Not Big Horn nor Big-horn.)

Big Knife; portage, between Seed and Melon lakes, international boundary, Rainy River district, Ont.

Big Loran. See Lorembec.

Big Lorraine. See Lorembec .

Big Obashing. See Obashing.

Big or North Miminigash. See Miminegash.

Big Otter; creek, flowing into L. Erie, Elgin county, Ont. (Not Otter.)

Big Otter Creek (lightstation) See Port Burwell.

Big Port l'Hebert. See Port Hebert.

Big Quill. See Quill.

Big Reed. See Kiskittogisu.

Big Rock. See Inukshiligaluk.

Big Saanich. See Wark.

Big Salmon; river, tributary to Lewes river, Yukon.

Big Sandy. See Wellington.

Bigsby; island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Big Stave. See Stave.

Big Sturgeon. See Torch.

Big Thrumcap; island at entrance to Halifax harbour, Halifax county, N.S.

Billtown; post settlement, Kings county, N.S. (Not Bill Town.)

Binbrook; township and village, Wentworth county, Ontario. (Not Binbrooke.)

Bingham; island, southwest of Lynedoch island, St. Lawrence river, Leeds county, Ont. (Not Binghan.)

Birch; brook and lake, Burntwood river, Manitoba.

Birch; lake, between Basswood and Carp lakes, international boundary, Rainy River district, Ont.

Birch; point, east of Walker point, Manitoulin district, Ont.

Birch. See Dozois.

Birch. See Evelyn.

Birch. See Wigwasikak.

Birchbark; lake, south of Candle lake, central Sask. (Not Birch Bark.)

Bird; creek, branch of Ophir creek, Indian river, Yukon.

Bird. See Oiseau.

Birds Hill; post village and railway station, northeast of Winnipeg, Man. (Not Bird's Hill.)

Birdtail; creek, tributary to Assiniboine river, western Manitoba.

Birkby; point, N.W. pt. Greaves I., Smith sound,Coast district, B.C. (Not Birkly.)

Birkenhead; river, flowing into Lillooet river, above Lillooet lake, B.C.

Birtle; town, on Birdtail creek, western Manitoba. An abbreviation of the creek name.

Bisby; lake and river, Megantic and Wolfe counties, Que.

Bisel; mount, west of Nordenskiöld river, Yukon.

Bishop; cove, Boxer reach, Coast district, B.C.

Bishop; island, off the south end of Kaien island, Coast district, B.C.

Bishop; island, at head of Frobisher bay, N.W.T.

Bishop; post village, Grenville county, Ont. (Not Bishop's Mills.)

Bishop's Mills. See Bishop.

Bishop Roggan. See Roggan.

Bismarck; post office, Lincoln Co., Ont., and Ponoka district, Alta. (Not Bismark.)

Bjerre; rock, in Okisollo channel, north of Lake point, Coast district, B.C.

Björk; lake, on Red Deer river, eastern Sask.

Black; creek, tributary to Sloko river, Cassiar district, B.C.

Black; island, northeast of Hecla island, lake Winnipeg, Man. (Not Big nor Grand.)

Black; lake, also Black Lake, railway station and village, Megantic county, Que.

Black. See Belanger.

Black. See Garry.

Black. See Lynn.

Black. See Raisin

Blackbird. See Seggemak.

Black Charlie. See Sheaffe.

Black Douglas; the northerly peak of Mt. Douglas, Rocky mountains, Alta.

Black Duck Run. See Harbour lake.

Blackfeet. See Acheninni.

Blackfish; bay, Radcliffe township, Renfrew county, Ont.

Blackfoot; coulée and hills, north of Battle river, eastern Alberta.

Blackfox; bend, Pelly river, near Ketza river, Yukon.

Blackheath; post office, Wentworth county, Ont. (Not Black Heath.)

Black Iron. See Blackstone.

Blackney. See Blakeney.

Blacks; point, south of Goderich, Huron county, Ont.

Black Sawbill. Seee Kinnickonceship.

Blackstone; tributary to the south branch of Brazeau river, central Alberta.

Blackstone; lake on Cat R., W. of L. St. Joseph, Patricia, Ont. (Not Black-iron.)

Black Sturgeon; bay, lake and river, lake Nipigon, Thunder bay district, Ont.

Blackwater; creek, lake, mountain, and range of mountains, south of Bush river, Rocky mountains, Kootenay district, B.C.

Blackwater; river, tributary to Fraser river, above Quesnel, Cariboo and Coast districts, B.C. (Not Black river, nor West Road river.)

Blackwell; post office and railway station, Lambton county, Ont. (Not Blackwall.)

Blaeberry; river, tributary to Columbia river, between Donald and Moberly stations, Kootenay district, B.C.

Blaine; lake, southwest of Carlton, central Sask.

Blake; point, S.E. end of W. Duck island, Manitoulin district, Ont. (Not Stony.)

Blakeney; passage, between Hanson, Cracroft and Harbledown islands, Broughton strait, Coast district, B.C. (Not Blackney.)

Blakiston; brook, tributary to Waterton R., Alta. (Not Kootanie nor Pass creek.)

Blakiston; mount, Tp. 2, R. 1, W. 5, M., southern Alberta.

Blanchard; river, tributary to Tatshenshini R., Cassiar district, B.C. and Yukon.

Blanchard. See Blanshard.

Blanche; river, emptying into the head of L. Timiskaming, Timiskaming dist., Ont.

Blanford; bay, north shore of Hudson strait, N.W.T.

Blanshard; mount, southeast of Pitt lake, New Westminster district, B.C. (Not Blanchard nor The Golden Ears.)

Blind. See Chematogan.

Blind. See Coldwater.

Blinkhorn; mount, west of Parry bay, Vancouver island, B.C.

Bloodletter; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Bloodvein; river, emptying into east side of L. Winnipeg, Man. (Not Blood Vein.)

Bloomfield; island, off the southeast side of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Snake.)

Blouin; lake, Bourlamaque and Senneville townships, Abitibi district, Que. (Not Pakitanika.)

Blue; river, tributary to Dease river, Cassiar district, B.C.

Blue. See Harris.

Blueberry. See Mennin.

Blue Grouse; creek, tributary to Caribou creek, Kootenay district, B.C.

Blue Hills of Brandon. See Brandon hills.

Blue Jay; creek, flowing into Michael bay, Manitoulin I., Manitoulin district, Ont.

Bluff; island, Admiralty group, St. Lawrence river, Leeds county, Ont.

Bluff; mountain, west of Sooke river, Vancouver island, B.C.

Bluff. See De Rottenburg.

Bluff. See O'Neil.

Bluff. See Yeo.

Bluffy; lake, on Wenisaga river, northwest of L. Seul, Patricia district, Ont. (Not Kah-mini-ti-gwa-quiack.)

Blunt; peninsula, at entrance to Frobisher bay, N.W.T. (Not Blunt's.)

Bobbie Burns; mount, west of the southern end of Mabel lake, Yale district, B.C.

Bobtail. See Naltesby.

Bodega; point, south of Granite point, Quadra island, Coast district, B.C.

Bodet. See Baudet.

Bolger; lake, Burleigh township, Peterborough county, Ont. (Not Bolger's.)

Bolivia. See Bayfield.

Bonald; lake, on Churchill river, Sask. (Not Moose.)

Bonanza; creek, tributary to Klondike river, Yukon.

Bond-Head; post village, Simcoe county, Ont. (Not Bondhead.)

Bonnet; island, off N.W. side of Flathead I., Thunder Bay district, Ont. (Not Reef.)

Bonney; island, north shore of Hudson strait, N.W.T.

Bonney; mount, also glacier and névé, Selkirk mountains, Kootenay district, B.C.

Boofus; mount, north of Gladys lake, Cassiar district, B.C.

Boom; lake and mountain, northwest of Storm mountain, Rocky mountains, Alta.

Boom; point, southern point of Cockburn island, Manitoulin district, Ont.

Booth; bay, east coast of Saltspring island, S.E. coast of Vancouver island, B.C.

Booth; creek, tributary to St. Mary river, Kootenay district, B.C.

Bor; a peak of the Valhalla mountains, Kootenay district, B.C.

Bosanquet; harbour, Big island, Hudson strait, N.W.T.

Boshkung; lake, Stanhope township, Haliburton county, Ont.

Boss Dick. See Yorke.

Boswell; mount, also river, Teslin river, Yukon.

Bosworth; mount, northwest of Stephen station, Kootenay district, B.C.

Botsford; lake, northeast of Minnitaki lake, Kenora district, Ont.

Bottle; portage, between Iron and LaCroix lakes, international boundary, Rainy River district, Ont.

Bouchette; lake, an expansion of the upper Ottawa river, Montcalm county, Que.

Bouchier; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Bouchie.)

Bouckhill; post office, Dundas county, Ont. (Not Bouck's Hill.)

Boulardarie; island, Victoria county, N.S. (Not Boulardine nor Boulardarie.)

Boulder; creek, tributary to Kicking Horse river, Kootenay district, B.C.

Boulder; creek, branch of Bonanza creek, Klondike river, Yukon.

Boulder. See Nares.

Boulder. See Opabin.

Boulder. See Osipasinni.

Boulder. See Sharpe.

Boleau; river, Saguenay county, Que. (Not Bason.)

Bouleau. See Cedars.

Boulter; lake, McClure township, Hastings county, Ont.

Boundary; cove, between Du Vernet and Dundas points, northeast of Digby island, Coast district, B.C.

Boundary; creek, flowing into Yukon river at the crossing of the international boundary, Yukon.

Bourgeau; mount, also range of mountains, Rocky mountains, Alta.

Boutilier; cove, lake, and point; also Boutillier Point, P.O.; St. Margaret bay, Halifax county, N.S. (Not Boutillier.)

Boutillier. See Boutilier.

Bow; glacier, lake, pass, peak, and river, western Alberta. (Not Coldwater lake, Upper Bow lake, Coal mountain, nor Askow river.)

Bow; island, at junction of Belly, Bow and S. Saskatchewan rivers, S.E. Alberta.

Bow; range of mountains in the Rockies, Alta. and B.C.

Bow. See Hector.

Bowden; lake, south of Clay lake, Kenora district, Ont.

Bowdoin. See McLean.

Bowes. See Constance.

Bow Island; post office and railway station, southeastern Alberta.

Bowman; creek, west of Lower Arrow lake, Kootenay district, B.C.

Bowsman; post office and railway station, also river tributary to Woody river, Man. (Not Bowsman River post office.)

Bowtree; lake and river, emptying into south side of lake LaRonge, Sask.

Boxer; reach, east of Gribbell island, Coast district, B.C.

Boyer; lake, south of Dinorwic lake, Kenora district, Ont. (Not Saganaga.)
(New name adopted to avoid duplication of Saganaga, the name of a well known lake on international boundary west of L. Superior.)

Boyer; reef, east of Belcher reef, Bruce county, Ont.

Boyer; river, tributary to Peace river, also settlement, Alta. (Not Paddle river.) Reversal of former decision.

Boyne. See Morris.

Brabant; island, Clayoquot sound, S.W. coast of Vancouver I., B.C. (Not Pender.)

Brachiopod; mountain, south of Ptarmigan lake, Rocky Mts., Alta.

Brackendale; settlement, on Squamish river, New Westminster district, B.C.

Braden; mount, also creek, west of mount McDonald, Vancouver island, B.C.

Braeburn; mount, also lake, northwest of lake Laberge, Yukon.

Bramham; island, Queen Charlotte sound, Coast district, B.C. (Not Branham.)

Brandon; hills, south of Brandon, Man. (Not Blue hills of Brandon.)

Brandon; island, Departure bay, east coast of Vancouver island, B.C. (Not Double.)

Brandypot; bank, channel, and island, east of Hare island, St. Lawrence river, Charlevoix county, Que. (Not Brandy Pot nor Pot-à-l'eau-de-vie.)

Branham. See Bramham.

Brantnober; mount, in southwestern Yukon.

Bras d'Or; lake, the expanse between St. Peter inlet and Barra strait, with its bays, Cape Breton, Inverness, Richmond and Victoria counties, N.S. (Not Great Brass d'Or lake.) Previous decision revised.

Bratt; island, west of Georgina island, St. Lawrence river, Leeds county, Ont.

Bray; post office and railway station, Russell county, Ont. (Not Bray's nor Bray's Crossing.)

Bray; reef, east of Ruel shoal, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Bray's Crossing. See Bray.

Brazeau; lake and river, tributary to the Saskatchewan, also mountain range, central Alberta. (Not Brazeau's.)

Brébeuf; island, in the southern portion of Georgian bay, Muskoka district, Ont. (Not Bréboeuf.)

Breeches; lake, Garthby township, Wolfe county, Que.

Brenton; mount, north of Chemainus river, Vancouver island, B.C.

Brenton; railway station, Vancouver island, B.C. (Not Brenton's.)

Brereton; lake, north of Rennie, southeastern Manitoba.

Brett; mount, northwest of mount Bourgeau, Alberta.

Brevoort; island, east of Beekman peninsula, N.W.T.

Brew; mount, on south side of Cayoosh creek, Lillooet district, B.C.

Brewer; creek, tributary to Stewart river, above Scroggie creek, Yukon.

Brewery; creek, tributary to Wild Horse river, Kootenay district, B.C.

Brewster; creek and glacier, southwest of Banff, Kootenay district, B.C.

Brian. See Brine.

Bridge; island, N. of Broughton I., St. Lawrence R., Leeds Co., Ont. (Not Chimney.)

Bridge; river, flowing into Fraser river, above Lillooet, Lillooet district, B.C.

Bridgland; river, tributary to Thessalon river, Algoma district, Ont. (Not East branch of Thessalon river.)

Brier; island, at entrance to St. Mary bay, Digby county, N.S. (Not Bryer.)

Bright; lake, McClintock township, Haliburton county, Ont.

Brighton; township, in Northumberland county, Ont.

Brightsand; lake, Tps. 53 and 54, R. 20, W. 3 M., Sask. (Not Bright Sand.)

Brine; lake, east of St. Margaret bay, Halifax county, N.S. (Not Brian.)

Brinston; post village, Dundas county, Ont. (Not Brinston's Corners.)

Brinston's Corners. See Brinston.

Brion; island, Magdalen group, Gaspe county, Que. (Not Bryon, Byron, nor Cross.)

Brisco; range of mountains, between Columbia and Kootenay rivers, B.C.

Bristol. See Shemogue.

Britannia Bay; post village and summer resort, Carleton county, Ont. (Not Britannia-on-the-Bay.)

Britton; mount, north of Tulameen river, Yale district, B.C.

Broadback; river, flowing westward into Rupert bay, north of Nottaway river, Abitibi district, Que. (Not Little Nottaway.)

Brock; group of islands, St. Lawrence river, west of Brockville, Leeds county, Ont. (Not Broçk's.)

Brock; island, north of St. Lawrence island, Lake Fleet group, St. Lawrence river, Leeds county, Ont. (Not Squaw.)

Brockway; post settlement, York county, N.B. (Not Brookway.)

Brodeur; island, south of Shesheeb bay, Thunder Bay district, Ont.

Brokenhead; river, flowing northerly into lake Winnipeg, also village, Man. (Not Broken Head.)

Brokenmouth; river, tributary to Nelson river, Manitoba. (Not Broken-mouth.)

Bronson; lake, south of Ministikwan lake, central Sask. (Not Grassy.)

Bronte; creek, railway sta. and village, Halton Co., Ont. (Not Twelve Mile creek.)

Brookway. See Brockway.

Broom; hill, west of Sooke harbour, Vancouver island, B.C.

Brotchie; ledge, at southeast entrance to Victoria harbour, B.C. (Not Brotchy.)

Broughton; island, N.E. of Grenadier I., St. Lawrence R., Leeds Co., Ont. (Not Corn.)

Broughton; shoals, off Broughton island, St. Lawrence river, Leeds county, Ont. (Not Corn island shoals.)

Brown Dome. See Marble Dome.

Brownie; lake, Smellie township, Kenora district, Ont.

Browns; creek, tributary to Fortymile river, near international boundary, Yukon. (Not Brown nor Brown's.)

Brown's. See Knapp.

Brownwater. See Coffee.

Bruce; harbour, north shore of Hudson strait, N.W.T.

Bruce; mount, Saltspring island, southeast coast of Vancouver island, B.C.

Bruce; river, west of Driftpile river, central Alberta.

Brucy's. See Brussy.

Bruins; pass, in the Hermit range of the Selkirks, Kootenay, B.C. (Not Bruin's.)

Brulé; point, Athabaska R., opp. mouth of Little Buffalo R., Alta. (Not Point Brulé.)

Brulé. See Grand.

Brush. See Sheaffe.

Brushy; creek, emptying into Christopherson lake, Abitibi district, Que.

Brussy; point, on north side of île Perrot, Vaudreuil county, Que. (Not Brucy's.)

Bryant; creek, tributary to Yukon river, south of Klondike river, Yukon.

Bryce; mount, west of Mt. Alexandra, summit range of the Rockies, Alta. and Kootenay district, B.C.

Bryer. See Brier.

Bryon. See Brion.

Buck; creek, tributary to Bulkley river, Cassiar district, B.C.

Buck; hill, north of Redflag mountain, Vancouver island, B.C.

Buckeye; shoal, south of Jenkins point, Manitoulin island, Manitoulin district, Ont.

Buck-hill; river, tributary to Nipukatasi river, Abitibi district, Que.

Buckley. See Bulkley.

Buck's. See Beaurivage.

Buffalo; lake, south of Battle river, Alta. (Not Bull.)

Buffalo. See Mami.

Buffalo Pound; lake, north of Moosejaw, Sask. (Not Highpound.)

Buffer; lake, northwest of Howell, southern Saskatchewan.

Buisson; point, west of Melochville, Beauharnois county, Que. (Not Buisson's.)

Bulkley; river, tributary to Skeena river at Hazelton, Cassiar and Coast districts, B.C. (Not Buckley.)

Bull; river, tributary to Kootenay R., N. of Wardner, Kootenay dist., B.C. (Not Bad.)

Bull. See Buffalo.

Buller; reef, off the south shore of Manitoulin island, Manitoulin district, Ont.

Bull's Forehead; hill, opposite the mouth of Red Deer river, southern Saskatchewan.

Bumfrau. See Beechwood.

Bunker; hill, south of Braeburn lake, southern Yukon.

Buntzen; lake, east of the north arm of Burrard inlet, New Westminster district, B.C. (Not Trout.)

Burgess; mount, also pass, southwest of mount Field, Kootenay district, B.C.

Burgoyne; bay, Saltspring island, southeast coast of Vancouver island, B.C.

Burgoyne; bay, south shore of Hudson strait, Ungava, Que.

Burial; point, Sansum narrows, Stuart channel, S.E. coast of Vancouver island, B.C.

Burke; island, south of Reid point, Bruce county, Ont.

Burnet; lake, west of Kennabutch lake, Kenora district, Ont.

Burnham; creek, tributary to Dominion creek, Indian river, Yukon.

Burns; creek, tributary to Indian river, Yukon.

Burns; lake, on telegraph trail, south of Babine lake, Coast district, B.C.

Burnt; island, northerly from Inner Duck island, and separated from Manitoulin island by a very narrow channel, Manitoulin district, Ont. The south end of this island was called 'Peninsular point' by Admiral Bayfield.

Burnt; river, Haliburton and Victoria counties, Ont.
Burnt. See Aubrey.
Burnt Bay; lake, south of Grand lake Victoria, Pontiac county, Que.
Burnt Island; harbour, south shore of Manitoulin island, Manitoulin district, Ont.
Burnstone. See Battersby.
Burntwood; bay, south shore of L. Seul, Kenora district, Ont.
Burntwood; lake, and river tributary to Nelson river, Manitoba. (Not Wepiskow.)
Burrill; Active pass, strait of Georgia, New Westminster district, B.C.
Burritt Rapids; post village, Grenville county, Que. (Not Burritt's Rapids.)
Burton; creek, tributary to Klondike river, Yukon.
Burton; island, west of Berens island, lake Winnipeg, Man. (Not Little Black.)
Burton; town, on Columbia river, near north end of Lower Arrow lake, Kootenay district, B.C. (Not Burton City.)
Burveith; arm, Oyster harbour, east coast of Vancouver island, B.C.
Burwell; port, east shore of Ungava bay, Que.
Bush; lake, peak, and river, northwest of Donald, Rocky Mts., Kootenay district, B.C.
Bush; mountain, between Watson and Wheaton rivers, southern Yukon.
Bush. See Renny.
Butler; bay, north of Cyrus Field bay, N.W.T.
Butler; lake, south of Wabigoon lake, Kenora district, Ont. (Not Kabitustigweiak.)
Button; islands, on south side of entrance to Hudson strait, Ungava, Que.
Butwell; peak, west of Garnet mountain, Yoho park, Rocky Mts., Kootenay dist., B.C.
Butze; point and rapids, between Morse basin and Shawatlan passage, east shore of Kaien island, Coast district, B.C.
Buzzard; lake, Burleigh township, Peterborough county, Ont.
Byron. See Brion.

C

Cabane. See Coban.
Cabistachuan. See Kabistachuan.
Cabri; lake, northeast of the mouth of Red Deer river, southern Saskatchewan.
Cache; bay, W. end of Saganaga lake, Int. boundary, Rainy River district, Ont.
Cache; lake, in Algonquin National park, Nipissing district, Ont.
Cacouna; island and village, Temiscouata county, Que.
Cactus; lake, southeast of Eyehill creek, Sask.
Cadman; point, west of Consecon, Weller bay, Prince Edward county, Ont.
Cadwallader; creek, tributary to south fork of Bridge river, Lillooet district, B.C.
Cahill; lake, west of Slocan lake, Kootenay district, B.C.
Cahnish. See Kanish.
Cain; point, Active pass, strait of Georgia, New Westminster district, B.C.
Cain; river, tributary to Miramichi river, Northumberland county, N.B. (Not Cain's nor Kains.)
Cain River; post village, Northumberland county, N.B. (Not Cain's River.)

Cairn; island and mountain, Richmond gulf, Ungava, Que.

Calder; lake, west of Manitou lake, Kenora district, Ont.

Caldwell; island and point, Thunder Bay district, Ont. (Not Crystal island nor Grassy point.)

Caledon East; railway station and village, Peel county, Ont. (Not East Caledon.)

Caledonia; village, Guysborough county, N.S. (Not Middle Caledonia.)

Calete. See Kaiete.

Calf; creek, headwaters of Klondike river, Yukon.

Calf Pasture; point and shoal, Brighton township, Northumberland county, Ont.

Call Mill; post office, Brome county, Que. (Not Calls Mills.)

Calvin Grove. See Kelvingrove.

Camden. See Campden.

Camelot; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont. (Not Hog.)

Cameron; lake, northwest of Kakagi lake, Kenora district, Ont.

Cameron; mountains, south of Taku arm, Cassiar district, B.C.

Camp; lake, Finlayson township, Nipissing district, Ont.

Campbell; creek, tributary to Pelly river, Yukon. At the mouth of this stream is the site of Pelly Banks Post, abandoned in 1850.

Campbell; island, E. of Flatland I., Thunder Bay district, Ont. (Not Little Flatland.)

Campbell; island, Admiralty group, St. Lawrence R., Leeds Co., Ont. (Not Round.)

Campbell; mountains, N.W. of Dawson, also at upper waters of Laird river, Yukon.

Campbell; reef, southwest of Dorcas bay, Bruce county, Ont.

Campbell; river, tributary to Tobique river, from Trousers lake, Victoria county, N.B. (Not Right Hand Branch of Tobique river.)

Campbell; valley, west of Ice river, Kootenay district, B.C.

Campbell Cross; post village, Peel county, Ont. (Not Campbell's Cross.)

Campbellton; town, Restigouche county, N.B. (Not Campbell-town.)

Campden; post office, Lincoln county, Ont. (Not Camden.)

Campobello; island, N.W. of Grand Manan I., Charlotte Co., N.B. (Not Campo Bello.)

Canaan. See New Canaan.

Canboro; post office, Haldimand county, Ont. (Not Canborough.)

Candle; lake, central Saskatchewan.

Canning; lake, Minden township, Haliburton county, Ont. (Not Canning's.)

Canoe; lake, in Algonquin National park, Nipissing district, Ont.

Canoe. See Kamongus.

Cañon; lake and river, tributary to Wabigoon river, Kenora district, Ont.

Canous. See Kanus.

Canouse. See Kanus.

Canrobert; post village and railway station, Rouville county, Que. (Not Ange Gardien de Rouville nor L'Ange Gardien East.)

Cantin; shoal, southwest of St. Joseph, Huron county, Ont.

Canyon; creek, tributary to Dease river, also lake south of lake Lindeman; Cassiar district, B.C. (Not Deep.)

Canyon; creek, branch of Quartz creek, Indian river, and hill between lakes Laberge and Marsh, Yukon.

Cap-à-l'Aigle; village, Charlevoix county, Que.

Cap Brûlé; lightstation, on cape of same name, below Cap Tourmente, Montmorency county, Que. (Not Montée du Lac.)

Cap Chat; lightstation and post office on cape of same name, also river and township, Gaspe county, Que. (Not Cap-de-Chate nor Cape Chatte.)

Cap-de-Chate. See Cap Chat.

Cap de Moselle. See Demoiselle.

Cape Chatte. See Cap Chat.

Cape of Hopes Advance. See Hopes Advance.

Cape Horn. See Pilot.

Caplan; river, and Caplan River post office, Bonaventure county, Que. (Not Capelan.)

Caps (rivière des); river, flowing into the St. Lawrence below Fouquette river, Kamouraska county, Que.

Captain John's. See Foresters.

Caraquet; bay, parish, river, and village, Gloucester county, N.B. (Not Caraquette.)

Carbon; hill, south of Wheaton river, southern Yukon.

Carcajou; river, tributary to Kinojevis river, Pontiac county, Que.

Carcross; post station, between Bennett and Nares lakes, southern Yukon. (Not Caribou nor Caribou Crossing.)

Cardinal's. See Arcand.

Cariboo; district, lake, and mining division, British Columbia. (Not Caribou.)

Cariboo. See Stevens.

Caribou; creek, tributary to Dominion creek, Yukon.

Caribou; creek and point, east of Columbia river, between the Arrow lakes, Kootenay district, B.C.

Caribou. See Carcross.

Caribou. See Keshkabuon.

Caribou. See Lawrence.

Caribou. See Meachan.

Caribou. See Mudjatik.

Caribou Crossing. See Carcross.

Caribou Mines; post office, Halifax county, N.S. (Not Caribou Gold Mines.)

Carleton; lake, west of Manitou lake, Kenora district, Ont.

Carlsbad Springs; post office and railway station, Russell county, Ont. (Not Eastman's Springs.)

Carmack; a fork of Bonanza creek, Yukon.

Carmi; creek, tributary to west fork of Kettle river, also village at junction of the streams, Yale district, B.C.

Carnarvon; mount, northwest of Emerald lake, Rocky Mts., Kootenay district, B.C. (Not McMullen.)

Carnegie; island, north of Hill island, St. Lawrence river, Leeds county, Ont.

Caron; lake, Pettypiece township, Kenora district, Ont.

Caron; lake, Bellecombe, Caire and Vaudray townships, Pontiac county, Que. (Not Crooked.)

Caron; point, east of Ste. Anne-de-Bellevue, Jacques Cartier county, Que.

Caron. See Carron.

Carp; lake and portage, W. of Knife lake, Int. boundary, Rainy River district, Ont.

Carp. See Lomond.

Carr; railway station, Huntingdon county, Que. (Not Carr's Crossing.)

Carroll. See Macdonald.

Carroll Wood; bay, S. shore Manitoulin I. Manitoulin district, Ont. (Not Woods.)

Carron; point, at south entrance to Bathurst bay, Gloucester county, N.B. (Not Caron.) Previous decision reversed.

Carrot, river, tributary to Saskatchewan river, Man. and Sask. (Not Root.)

Carr's Crossing. See Carr.

Carrying Place; village, on the road of that name, Northumberland and Prince Edward counties, Ont.

Carson; lake, Jones township, Renfrew county, Ont.

Carter; bay, east of Jenkins point, Manitoulin district, Ont.

Carter; mount, east of Atlin lake, Cassiar district, B.C.

Carter; rock, west of Greene island and south of the west end of Manitoulin island, Manitoulin district, Ont.

Carthew; bay, northwestern shore of L. Simcoe, Simcoe Co., Ont. (Not Carthew's.)

Cartier; mount, east of Columbia river, Kootenay district, B.C.

Cartier; post office, Beauharnois county, Que. (Not Cartierville.)

Cartierville. See Cartier.

Carys Swan Nest; cape, Coats I., Hudson bay, N.W.T. (Not Cary's Swan Nest.)

Cascade. See Coast.

Cascade. See O'Hara.

Cascumpeque; bay, Prince county, P.E.I. (Not Cascumpec nor Holland.)

Casey; cove, south of Pariseau point, Digby island, Prince Rupert harbour, Coast district, B.C.

Cashionglen; post office, Glengarry county, Ont. (Not Cashion's Glen.)

Cassels; lake, Cassels and Riddell Tps., Nipissing district, Ont. (Not White Bear.)

Cassiar; a district of British Columbia.

Cassiar; bar, Lewes river, south of Big Salmon river, Yukon.

Cassiar; creek, tributary to Yukon river, above Fortymile, Yukon.

Cassiar; mountains, near upper waters of Liard river, B.C. and Yukon.

Cassidy; lake and railway station, S.W. of Cobalt, Timiskaming, Ont. (Not Bass.)

Cassidy; railway station, Vancouver island, B.C. (Not Cassidy's nor Cassidy Siding.)

Castle; mountain, north of Castle Mountain station, Rocky Mts., Alta.

Castor and Pollux; peaks, east of Mt. Bonney, Selkirk Mts., Kootenay district, B.C.

Castilian; shoal, southeast of Cockburn island, near entrance to Mississagi strait, Manitoulin district, Ont.

Castor; creek, tributary to Battle river, Alta. (Not Beaverdam.)

Cat; lake and river, tributary to L. St. Joseph, Patricia, Ont. (Not Cat Lake river.)

Catamount; peak, in the Hermit range of the Selkirks, Kootenay district, B.C.

Cataract; brook, tributary to Kicking Horse river, near Hector station. Kootenay district, B.C. (Not Wapta creek.)

Cataract; peak, northeast of Mt. Molar, Rocky mountains, Alta.

Cataract; rock, southwest of Porcupine point, Bruce county, Ont.

Cataract. See Cline.

Catch. See Ketch.

Catchacoma; lake, Cavendish township, Peterborough Co., Ont. (Not Ketchacum.)

Cathawhachaga. See Kathawachaga.

Cathedral; mountain, east of Mt. Stephen, Kootenay district, B.C. (Not Pinnacle.)

Catline. See Georgina.

Cat-tail; brook, tributary to Opichuan river, Thunder Bay district, Ont.

Cattle. See Cottle.

Causapscal; river and village, Matane Co., Que. (Not Casupscul nor Cosupscoult.)

Cavalier; island, southwest of Ghegheto island, Bruce county, Ont. (Not Gull.)

Cave; rock, in Yukon river, east of international boundary, Yukon.

Cay-ke-quah-be-kung. See Kekkekwabi.

Cayoose. See Cayoosh.

Cayoosh; creek, tributary to Fraser river, at Lillooet, B.C. (Not Cayoose.)

Cedar; island, west of Massasauga point, bay of Quinte, Prince Edward county, Ont.

Cedar; island, east of the mouth of Cataraqui river, Frontenac county, Ont.

Cedar; lake, north of L. Winnipegosis, Manitoba.

Cedar. See Kishikas.

Cedars; island, rapids, and village, Soulanges county, Que. (Not Bouleau rapids.)

Cegemecega. See Kejimkujik.

Cegoggin. See Chegoggin.

Celtis; lake, south of William bay, L. Seul, Kenora district, Ont.

Centrefire; lake, N.W. of Minnitaki lake, Kenora district, Ont. (Not Centre Fire.)

Chaba; river, tributary to Athabaska river, east of Fortress lake, Alta.

Chabatok; Indian village, Kabistachuan bay, Mistassini lake, Mistassini district, Ont.

Chagoggin. See Chegoggin.

Chakwa; lake, at headwaters of St. Maurice river, Champlain county, Que.

Chaleur; bay, an inlet of the gulf of St. Lawrence, between Quebec and New Brunswick. (Not Bay of Chaleur nor Baie des Chaleurs, &c.) If the French form is used it is to be "Baie de Chaleur."

Chaloupe. See Shallop.

Chamberlain; island, north shore of Hudson strait, N.W.T. (Not Crete.)

Chambly; village, Chambly county, Que. (Not Chambly Basin.)

Champagne; island and point, east of Shipman point, St. Lawrence R., Leeds Co., Ont.

Champlain; point, south of Atherley, at northern end of lake Simcoe, Ontario Co. Ont.

Chancellor; peak, east of Leanchoil station, Kootenay district, B.C.

Chandindu; river, tributary to Yukon river, between Dawson and Cudahy, Yukon.

Channel; point, northeast side of Cockburn island, Manitoulin district, Ont.

Channel; rock, off northwest side of Fitzwilliam island, Manitoulin district, Ont.

Chantler; post office, Welland county, Ont. (Not Chantler's.)

Chantry; island, southwest of Saugeen river, Bruce county, Ont. The surrounding shoal bank is named after the island.

Chaperon; mountain, Blackwater range of the Rockies, Kootenay district, B.C.

Chapleau; lake, Tp. 14, Rgs. 10 & 11, W. 2 M. southwestern Saskatchewan.

Chaplin; lake and river, southern Saskatchewan (Not Old Wives.)

Charlebois. See Arcand.

Charles; island, in Hudson strait, Ungava, Que. (Not Katutok.)

Charles; point, west side of Prince Rupert harbour, Coast district, B.C.

Charlo; village, Guysborough county, N.S. (Not Charlo Cove nor Charlo's Cove.)

Charlo's Cove. See Charlo.

Charlotte; lake, Brudenell township, Renfrew county, Ont.

Charlton; bay, northeast of Leask point, Manitoulin island, Manitoulin district, Ont.

Charlton; mount, south of the narrows of Maligne lake, Rocky Mts., western Alberta.

Charwell; point, east of Peter lightstation, Prince Edward county, Ont. (Not Gull.)

Chase; island, Frobisher bay, N.W.T.

Chase; railway station, Vancouver island ,B.C. (Not Chase River Crossing.)

Chase; river, south of Nanaimo, Vancouver island, B.C.

Chase River Crossing. See Chase.

Chassepot; rock, S. of Tremayne bay, southern coast of Digby I., Coast district, B.C.

Chateauguay. See Lalonde.

Chaudière; falls and portage, between Namakan and Rainy lakes, international boundary, Rainy River district, Ont. (Not Kettle.)

Chaudière. See Koochiching.

Cheakamus; river, tributary to Squamish river, New Westminster district, B.C.

Chebistuanonekau; river, upper waters of Waswanipi river, Abitibi district, Que.

Chegoggin; point and post village, Yarmouth county, N.S. (Not Cegoggin nor Chagoggin.)

Chehalis; creek, flowing into Gladys bay, Cassiar district, B.C. (Not Che-halis.)

Chemainus; bay, lake, railway station, river, and village, in the southwest portion of Vancouver island, B.C. (Not Horse Shoe bay.)

Chemainus. See Kulleet.

Chematogan; channel, between Squirrel and Walpole islands, L. St. Clair, Lambton county, Ont. (Not Blind.)

Chemung; lake and post office, Peterborough Co., Ont. (Not Chemong nor Shemong.)

Cheney; post village and railway sta. Russell Co., Ont. (Not Cheney Station village.)

Cheney Station. See Cheney.

Chensagi; river, emptying into Gull lake, Abitibi district, Que. (Not Tshensagi.)

Cheops; mount, Selkirk mountains, Kootenay district, B.C.

Cherry; island, southeast of Dead island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Cherry; lake, northwest of Lost lake, Kenora district, Ont.

Cherry; point, southeast of Cowichan harbour, Vancouver island, B.C.

Cherry. See Robert.

Cherry. See St. Helena.

Cherub; mountain, Selkirk range, Kootenay district, B.C.

Cheslatta; lake, south of Français lake, Coast district, B.C. (Not Chestatta.)

Cheticamp; island, river, and town, Inverness county, N.S. (Not Chetican.)

Cheverie; creek and village, Hants county, N.S. (Not Chiverie.)

Chiblow; lake, in Montgomery and Scarfe townships, Algoma district, Ont. (Not Macoming.)

Chibougamau; lake and river, south of Mistassini lake, Abitibi district, Que. (Not Chibougamou nor Chibougamoo.)

Chichester; island, northwest of Grenadier I., St. Lawrence river, Leeds county, Ont.

Chickens. See Kathlyn.

Chicot; river, Two Mountains county, Que. (Not Petit Chicot.)

Chidley; cape, at entrance to Hudson strait, Ungava, Que. (Not Chudleigh.)

Chief; island, near north end of lake Timiskaming, Pontiac county, Que.

Chief Mountain. See Waterton.

Chiefs; island, Couchiching lake, Ontario county, Ont. (Not Chief.)

Chiefs; point, Amabel township, Bruce county, Ont.

Chieftain; hill, between Watson and Wheaton rivers, southern Yukon.

Chignecto; bay, between Cumberland county, Nova Scotia, and Albert and Westmorland counties, New Brunswick. (Not Chignecto channel.)

Chikobi; lake, on N. side of Guyenne township, Abitibi district, Que. (Not Chikobee.)

Chikoida; mountain and river, Nakina river, Cassiar district, B.C.

Chilako; river, trib. to Nechako R., Cariboo district, B.C. (Not Chilacco nor Mud.)

Chilanco. See Chilanko.

Chilanko; river, trib. to Chilcotin R., Cariboo and Coast districts, B.C. (Not Chilanco.)

Chilco. See Chilko.

Chilcote. See Chilko.

Chilcotin; lake, river, and village, Cariboo and Lillooet districts, B.C.

Childs; lake, in Duck Mountain Forest reserve, western Manitoba.

Chilko; lake and river, tributary to Chilcotin river, Cariboo, Coast, and Lillooet districts, B.C. (Not Chilco nor Chilcote.)

Chimney; creek, flowing into Fraser R., W. of Williams lake, Cariboo district, B.C.

Chimney. See Bridge.

Chimney Island (point). See Patterson.

Chimo; post, Koksoak river, Ungava, Que. (Not Fort Chimo.)

Chin; coulée and post office, southern Alberta.

China; butte, creek, and ridge, east of the W. fork of Kettle river, Yale district, B.C.

China; cove and reef ,near Wreck point, entrance to Georgian bay, Bruce Co., Ont.

China Hat. See Klemtu.

Chiniki; creek and lake, tributary to Bow river, also mountain, Alta. (Not Chiniquy.)

Chip; lake, west of St. Ann, Alberta. (Not Dirt nor Lobstick.)

Chipewyan; H. B. Co.'s post, and Mission station, near outlet of Athabaska lake, also lake to southwest of Athabaska lake, Alta. (Not Chippawyan nor Chippewyan.)

Chipewyan; settlement, near southwesterly end of Athabaska lake, northeastern Alberta. (Not Fort Chipewyan.)

Chipman Corner; post office, Kings county, N.S. (Not Chipman Corners, Chipmans Corner nor Chipman's Corners.)

Chippawa; village, Welland county, Ont. (Not Chippewa.)

Chippewa. See Harmony.

Chippewa. See Welland.

Chiputneticook; lakes, headwaters of St. Croix river, on western boundary of New Brunswick. (Not Chiputnecticook nor Chiputnaticook.)

Chisaouataisi. See Sassawatisi.

Chisholm; shoal, in Michael bay, S. shore of Manitoulin I., Manitoulin district, Ont.

Chismaina; lake, southeast of Teslin lake, Cassiar district, B.C.

Chitek; lake and river, emptying into Meadow lake, Sask. (Not Pelican.)

Chivelston; lake, south of Harris lake, Thunder Bay district, Ont.

Chiverie. See Cheverie.

Chlorydorme. See Cloridorme.

Choelquoit; lake, north of Chilko lake, Coast district, B.C.

Chonat; bay and point, S. shore Okisollo channel, Coast district, B.C. (Not Lake.)

Choniaban. See Sholiaban.

Choquette; bar, in Stikine R., N. of Iskut R., Cassiar district, B.C. (Not Choquette's.)

Chorkbak; inlet, north shore of Hudson strait, N.W.T. (Not Tchork-back.)

Chrislers. See Crysler.

Christie; mount, also pass, watershed of Ross and Gravel rivers, N.W.T. and Yukon.

Christie; mount, southwest of Mt. Moberly and west of Athabaska river, Alta.

Christie Lake; post office, Lanark county, Ont. (Not Christy's Lake.)

Christina; bay, S. shore of Manitoulin I. and east of Burnt I., Manitoulin district, Ont.

Christina; lake and river, discharging into Clearwater river, northeastern Alberta. (Not Pembina.) To avoid duplication of the name Pembina applied to a larger stream tributary to Athabaska river.

Christopherson; lake, north of Grand lake Victoria, Abitibi district, Que.

Christy; creek, east of Whatshan lake, Kootenay district, B.C.

Chrysler. See Crysler.

Chuan. See Saltspring.

Chuch Koone. See Chukuni.

Chudleigh. See Chidley.

Chudliasi; bay, north shore of Hudson strait, N.W.T. (Not Chudli-a-si.)

Chukuni; river, north of Red lake, Patricia district, Ont. (Not Chuch Koone nor Whitefish Spawning.)

Chungo; creek, tributary to the south branch of Brazeau river, Alta. (Not Trail.)

Church; point, Markham bay, Hudson strait, N.W.T.

Church; point, east of Becher bay, southern coast of Vancouver island, B.C.

Churchill; river, emptying into Hudson bay, Manitoba and Sask. (Not English or Missinnipi.)

Chute; cove, Annapolis county, N.S. (Not Chute's cove.)

Cigar; island, north of Chiefs point, Bruce county, Ont.

Cinder; point, eastern side of Cockburn island, Manitoulin district, Ont.

Cinnamon; creek, west of Lower Arrow lake, Kootenay district, B.C.

Circle; lake, west of Favel lake, Kenora district, Ont.

Cirque; peak, northeast of Bow lake, Rocky mountains, Alta.

Citadel; mountain, Sir Sandford range, Selkirk Mts., Kootenay district, B.C.

Citron. See Gordon.

Clachnacudainn; range of mountains and snowfield, Selkirk mountains, Kootenay district, B.C. (Not Clach-na-coodin.)

Clairvaux-de-Bagot; post village, Bagot county, Que. (Not Clairvaux de Bagot.)

Clairville. See Humber.

Clapham; lake, Thetford township, Megantic county, Que.

Clappison; post office, Wentworth county, Ont. (Not Clappison's Corners.)

Clark; harbour, Cornell Grinnell bay, N.W.T. (Not Frank Clark.)

Clark; lake, Dungannon township, Hastings county, Ont. (Not Clark's.)

Clark; point, Gabarus bay, Cape Breton county, N.S. (Not Low.) New name to avoid confusion with Low point and Low Point P.O., George bay, Inverness Co.

Clark; point and reef, Bruce county, Ont. (Not Pine Point nor Clark Point reef.)

Clarke; glacier and peak, S.E. of Mt. Bonney, Selkirk Mts., Kootenay district, B.C

Clarke; island, Blind bay, Halifax county, N.S. (Not Clarke's.)

Claude; lake, near northerly end of lake Manitoba, Man.

Clay; brook and lake, Villeneuve township, Ottawa Co., Que. (Not Clay Brook lake.)

Clay; river, tributary to Bell river, Abitibi district, Que.

Clayoquot; sound, also post village on Stubbs island in the sound, west coast of Vancouver island, B.C.

Clayoquot. See Opitsat.

Clear; creek, tributary to Stewart river, Yukon.

Clear. See Smooth Rock.

Clear. See Sasaginaga.

Clear. See Wakomata.

Clear Water. See Madge.

Clearwater; river, tributary to Athabaska river, at McMurray, Alta. and Sask.

Clearwater; river, tributary to the Saskatchewan, at Rocky Mountain House, Alta.

Clearwater; river, tributary to Stikine river, Cassiar district, B.C.

Clearwater. See Teggau.

Cleaveland; point, S. shore of St. Margaret bay, Halifax Co. N.S. (Not Cleveland.)

Cleftrock; lake, west of Manitou lake, Kenora district, Ont. (Not Cleft Rock.)

Clements Land; in the southeastern portion of Baffin island, N.W.T.

Cleopatra; island; southwest of Grenadier I., St. Lawrence river, Leeds county, Ont.

Cleveland. See Cleaveland.

Cliff; lake, southwest of Perrault lake, Kenora district, Ont. (Not Mountain.)

Cline; mount, southwest of Sentinel mountain, also river flowing into the Saskatchewan, N. of Sentinel mountain, central Alberta. (Not White Goat nor Cataract.)

Clinton; creek, near Cudahy, Yukon.

Clinton-Colden; lake, northeast of Great Slave lake, N.W.T. (Not Clinton Golden.)

Clio; bay and point, Kitimat arm, Coast district, B.C.

Clondyke. See Klondike.

Cloridorme; township and village, Gaspe county, Que. (Not Cloridon, Chlorydorme, nor Chlorydormes.)

Cloridon. See Cloridorme.

Cloyah. See Kloiya.

Club; island, southwest of Rockport, St. Lawrence river, Leeds county, Ont.

Cluster; rocks, Oyster harbour, east coast of Vancouver island, B.C.

Clyde Corners; post office, Huntingdon county, Que. (Not Clyde's Corners.)

Coac. See Koak.

Coachman; head, east side of Mahone bay, Lunenburg county, N.S. (Not Covey.)

Coal; creek, lake, and ridge, north of Watson river, Yukon.

Coal; creek, tributary to Yukon river, below Fortymile, Yukon.

Coal. See Kirby.

Coast. island, west of Ridley island, Coast district, B.C.

Coast; range of mountains, in western part of British Columbia. (Not Cascade.)

Cobalt; lake and town, Timiskaming district, Ont.

Coban; river, tributary to Waswanipi R., below Otchisk R., Abitibi, Que. (Not Cabane.)

Cobb; lake, Russell county, Ont. (Not The lake.)

Cobble Hill; post office and railway station, west of Saanich inlet, Vancouver I., B.C.

Cocagne; harbour, island, river, and town, Kent county, N.B. (Not Cocaigne.)

Cochrane; river, flowing into Deer lake, south of Island lake, Patricia district, Ont.

Cock. See South Fowl.

Cockburn; island, Manitoulin district, Ont.

Cockburn; island, Brock group, St. Lawrence river, Leeds county, Ont. (Not Picnic.)

Cockburn; land, in N.W. portion of Baffin island, N.W.T. (Not Cockburn island.)

Cockmagun. See Cogmagun.

Cockmigon. See Cogmagun.

Cockscomb; mountain, near the headwaters of Jumpingpound creek, southern Alberta.

Coehill; P.O. and Ry. sta., Hastings county, Ont. (Not Coe Hill nor Coe Hill Mines.)

Coffee; river, tributary to Bell river, Abitibi district, Que. (Not Brownwater.)

Coffey; post office, Huntingdon county, Que. (Not Coffey's Corners.)

Coffey's Corners. See Coffey.

Cogle; pass, at head of St. Mary river, Kootenay district, B.C.

Cogmagun; river, Hants county, N.S. (Not Cockmagun, nor Cockmigon.)

Colborne. See Colburne.

Colbourne. See Colburne.

Colburne; passage between Piers island and Saanich peninsula, southeast coast of Vancouver island, B.C. (Not Colborne nor Colbourne.)

Cold; brook, tributary to Gizzard river, Abitibi district, Que.

Cold; lake, north of Beaver river, central Alberta and Saskatchewan.

Cold. See Kississing.

Coldbrook; post office and railway station, Kings county, N.S. (Not Cold Brook Station, P.O.)

Cold Brook. See Colebrooke.

Coldstream; river, flowing into lake St. Francis, Beauce and Megantic counties, Que.

Coldwater; river, emptying into east end of L. Superior, Algoma, Ont. (Not Blind.)

Coldwater. See Bow.

Cole; point, northwest point of Big island, bay of Quinte, Prince Edward county, Ont. (Not Cole's.)

Cole; rapids, Saskatchewan river, above the entrance of the south branch, Sask. (Not Cole's nor La Colle.)

Colebrooke; settlement, south of Campbellton, Restigouche county, N.B. (Not Coldbrook, nor Cold Brook.)

Coleman; cove and harbour, west of entrance to St. Margaret bay, Lunenburg county, N.S. (Not Coleman's.)

Coleman; island, Sagemace bay, lake Winnipegosis, Manitoba.

Coleman; mount, southeast of Mt. Athabaska, Rocky Mts., Alta.

Coleraine; railway station, township, and village, Megantic county, Que. (Not Colraine nor Coleraine Station post office.)

Collie; mount, northwest of mount Balfour, Rocky mountains, Kootenay district, B.C.

Collie. See Yoho.

Collier; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Collyer.)

Collins; shoal, Oyster harbour, east coast of Vancouver island, B.C.

Collinson; point, Active pass, strait of Georgia, New Westminster district, B.C.

Colmer; cape, at entrance to Crooks inlet, Hudson strait, N.W.T.

Colraine. See Coleraine.

Colombe. See Coulombe.

Colquhoun; island, in St. Lawrence river, below Cornwall, Glengarry county, Ont. (Not Colquhon nor Colquhouns.)

Columbia; mount, also glacier and snowfield, west of Mt. Bryce, summit range of the Rockies, Alta., and Kootenay district, B.C.

Columbia; river, Kootenay district, B.C.

Comb; islands and river, E. side of Hudson bay, Ungava, Que. (Not Comb Hills island and river.)

Commandant. See Papineau.

Commerall; point, south side of Raft cove, northwest coast of Vancouver island, B.C.

Commerell. See Sutil.

Commissioners; lake, Lake St. John county, Que. (Not Commissioner.)

Compass; lake, Burleigh township, Peterborough county, Ont.

Comporté; river, tributary to Murray river, Charlevoix county, Que.

Cone; hill, near mouth of Clinton creek, Yukon.

Cone; mountain, near Stikine river, north of Scud river, Cassiar district, B.C.

Cone; mountain, north of Spray mountains, Rocky Mountains park, Alta.

Cone; point, on the west side of lake Evans, Abitibi district, Que.

Connaught; mount, in the big bend of Salmon river, Yale district, B.C.

Conn Mills; village, Cumberland county, N.S. (Not Conn's Mills.)

Connolly. mount, between Mackenzie sound and Sutlej channel, Coast district, B.C. (Not Conolly.)

Conrad; mining camp, west shore Windy arm, Tagish L., Yukon. (Not Conrad City.)

Conrad; mount, east of Windy arm of Tagish lake, Cassiar district, B.C. and Yukon.

Conran; island, Brock group, St. Lawrence river, Leeds county, Ont. (Not Refugee.)

Consecon; lake and village, east of Weller bay, Prince Edward county, Ont.

Consolation. creek, emptying into Gladys lake. Cassiar district, B.C.

Consolation; valley, east of Moraine lake, Alta.

Conspicuous peak. See Empress mountain.

Constance; island, between Georgina and Hill islands, St. Lawrence river, Leeds county, Ont. (Not Bowes.)

Contact; brook and lake, southeast of File lake, Manitoba.

Cony; creek, near mount Woden, Kootenay district, B.C.

Cook; island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont.

Cook; lake, Britton township, Kenora district, Ont.

Cook; point below Rockport, Leeds county, Ont. (Not Cary nor Cook's.)

Cook; railway station, Haldimand county, Ont. (Not Cook's.)

Cooking; lake, in Tps. 51 and 52, R. 21, and Tp. 51, R. 22, W. 4th M., Alta.

Coolen. See Coonan.

Coonan; cove, Shag bay, Halifax county, N.S. (Not Coolen.)

Cooper; lake, an expansion of Marten river, Mistassini district, Que.

Cooper; mount, near Hutshi lakes, Yukon.

Cooper; point, south shore of Okisollo channel, Coast district, B.C.

Copeau; river, tributary to Red Deer river, eastern Sask.

Copeland; mount, Gold range, northwest of Revelstoke, Kootenay district, B.C.

Copeway; lake, Lake township, Hastings county, Ont.

Copper; creek, tributary to Hackett river, Cassiar district, B.C.

Copper; island in southern portion of Atlin lake, Cassiar district, B.C.

Copper. See Zymoetz.

Coquihalla; lakes, mountain, and river, Yale district, B.C. (Not Coquahalla.)

Coral; mountain, Beaverfoot range, Yoho park, Rocky Mts., Kootenay district, B.C.

Corbay. See Corbeil.

Corbeil; point, northern entrance to Batchawana bay, Herrick township, Algoma, district, Ont. (Not Corbay.)

Corbin; pass and peak, north of Illecillewaet, Kootenay district, B.C.

Cordero; channel, N. of Sonora and Thurlow Is., Coast district, B.C. (Not Cardero.) Josef Cordero was the draughtsman of Galiano's expedition in the "Sutil" and "Mexicana," 1792. Walbran's Coast names, B.C.

Cordova; bay, southeast coast of Vancouver island, B.C. (Not Cormorant.)

Cordova. See Saanichton.

Corisande; bay, east shore of lake Huron, Bruce county, Ont

Cormorant; lake, northwest of Moose lake, Manitoba.

Cormorant. See Cordova.

Corn; island, southeast of Gananoque, St. Lawrence river, Leeds county, Ont.

Corn; lake, Redditt township, Kenora district, Ont.

Corn. See Broughton.

Corneille; point, below Goose cape, St. Lawrence river, Charlevoix county, Que.

Cornet; ground, southwest of Greenough point, Bruce county, Ont.

Cornice; peak, southerly spur of Mt. Palmer, also glacier, Selkirk Mts., Kootenay district, B.C.

Corn island shoals. See Broughton.

Cornwall; island, north of Grinnell peninsula, N.W.T. (Not North Cornwall.)

Cornwallis; island, west of Devon island, N.W.T.

Cornwall Park; a summer resort on east extremity of Big island, bay of Quinte, Prince Edward county, Ont.

Coronation; mountain, north of Chemainus river, Vancouver island, B.C.

Corral; creek, tributary to Bow river, east of Laggan, Alta.

Corsair; mountain, N.E. of Blackwater range of the Rockies, Kootenay district, B.C.

Corsair; reef, west of Reid point, Bruce county, Ont.

Corwin; valley, north of Bennett lake, southern Yukon.

Cosine; lake, southeast of Eyehill creek, Sask.

Coste; island, Kitimat arm, Coast district, B.C.

Costigan; mount, northeast of lake Minnewanka, Rocky Mountains park, Alta.

Coteau; lake, Tp. 27, R. 8, W. 3 M., also creek flowing from the lake into the south branch of Saskatchewan river, Sask. (Not Red Deer.)

Côte-des-Neiges-Ouest; village, Hochelaga county, Que. (Not Côte des Neiges West.)

Cottle; hill, northwest of Departure bay, Vancouver island, B.C. (Not Cattle.)

Cottonwood; creek, tributary to Waskana creek, southeastern Saskatchewan.

Cottonwood; river, tributary to Dease river, Cassiar district, B.C.

Couchiching; lake, north of lake Simcoe, Ontario and Simcoe counties, Ont.

Coudres; island, Charlevoix county, Que. French usage, Ile aux Coudres.

Cougar; brook and mountain, in the Selkirk mountains, Kootenay district, B.C.

Cougar; creek, tributary to Little Slocan river, Kootenay district, B.C.

Coulombe; lake and river, emptying into L. Aylmer, Wolfe Co., Que. (Not Colombe.)

Countess Warwick; sound, north shore Frobisher bay, N.W.T.

Counts; bank, southwest of Dead island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Courteney; bay, St. John harbour, N.B. (Not Courtney.)

Coutts; river, tributary to Saulteux river, central Alberta.

Cove; island, in entrance to Georgian bay, Bruce county, Ont. (Not Isle of Coves.)

Cove Island; ground, off N.W. side of Cove island, Georgian bay, Bruce county, Ont.

Covey. See Coachman.

Cow; island, in bay of Quinte, east of Belleville, Prince Edward county, Ont.

Cowan; lake and river, tributary to Beaver river, central Sask. (Not Crooked.)

Cowan; post office, Huntingdon county, Que. (Not Cowan's.)

Cowan; river, north of Cormorant lake, Manitoba.

Cowichan; district, harbour, lake, post office, and river, Vancouver island, B.C. (Not Cowichin nor Cowitchin.)

Cowichan. See Separation.

Cowitchin. See Cowichan.

Cox; lake, Burleigh township, Peterborough county, Ont. (Not Cox's.)

Coyle; cove and head, W. side Blind bay, Halifax Co., N.S. (Not Coyle's nor Kieley.)

Crab; cove, south of Red bay, Bruce county, Ont.

Craigs. See Stanley.

Cranberry; creek, near north end of Upper Arrow lake, Kootenay district, BC.

Cranberry; lake, on Grass river, west of Reed lake, Manitoba.

Cranbrook; town, Kootenay district, B.C.

Crane; bay, lake, and river, at northerly end of lake Manitoba, Man.

Crater; creek, flowing into Quiet lake, Yukon.

Crater; lake, southwest of lake Lindeman, Cassiar district, B.C.

Crayfish; lake, on Grassberry river, central Sask. (Not Lobster.)

Crean; creek and lake, tributary to Montreal lake, central Sask. (Not Trout.)

Crease; island, off the entrance to Knight inlet, Coast district, B.C. (Not Lewis.)

Creighton. See Crichton.

Crémazie; lake, Sabourin township, Pontiac county, Que. (Not Sturgeon.)

Crete. See Chamberlain.

Crichton; beach, head, island, and shoal, southwest of Madame island, Richmond county, N.S. (Not Creighton.)

Croil; island, near Farran point, Stormont county, Ont. (Not Croil's.)

Crooked; creek, tributary to Stewart river, Yukon.

Crooked; lake, international boundary, Rainy River district, Ont.

Crooked; lake, on Qu'Appelle river, southeastern Sask.

Crooked. See Caron.

Crooked. See Cowan.

Crooked. See Wakaw.

Crooks; inlet, north shore of Hudson strait, N.W.T. (Not Ka-lik-took-duag.)

Crosby; lake, in McVittie township Timiskaming district, Ont.

Cross; lake, north of Pipestone lake, Nelson river, Manitoba.

Cross; point, also Cross Point, post village and railway station, Mann township, Bonaventure county, Que. (Not Crosspoint P.O.)

For the point the French form is authorized for French maps.

Cross. See Bamaji.

Cross. See Brion.

Cross. See Paquin.

Crow; river, Hastings and Peterborough counties, Ont.

Crow. See Kakagi.

Crowfoot; creek, flowing into Bow river, southwest of Crowfoot station, southern Alberta.

Crow Harbour. See Queensport.

Crowlodge; creek, tributary to Oldman river, southern Alberta.

Crown; lake, Lorrain township, Timiskaming district, Ont.

Crown; mountain, in central part of Vancouver island, B.C.

Crowsnest. lake, mountain, pass, railway station, and river, Alta., and Kootenay district, B.C. (Not Crow Nest, Crow's Nest, Crow-nest nor Crownest.)

Crysler; post village and railway station, Stormont county, Ont. (Not Chrysler.)

Crysler; island, St. Lawrence river, Dundas county, Ont. (Not Chrysler.)

Crystal. See Caldwell.

Cudahy; post, Yukon river, northwest of Dawson, Yukon.

Cumberland; lake, eastern Saskatchewan. (Not Pine Island lake.)

Cumberland; peninsula and sound, in southeastern portion of Baffin island, N.W.T. (Not Northumberland inlet, Hogarth sound, nor Penny gulf.)

Cumming; point, Drury inlet, Queen Charlotte sound, Coast district, B.C. (Not Cuming nor Cummings.)

Cumming; point, Gribbell island, Coast district, B.C.
Cundale; bay, east shore of Horsfall island, Hecate channel, Coast district, B.C.
Cunliffe; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Gunliffe.)
Cupola; mountain, Selkirk range, Kootenay district, B.C.
Currie; mount, west of Lillooet lake, Lillooet district, B.C.
Currie; post village and railway station, Oxford Co., Ont. (Not Currie's Crossing.)
Currie's Crossing. See Currie.
Curtain; falls, between Crooked and Iron lakes, Int. boundary, Rainy River dist., Ont.
Curtis; peak, southeast of Mt. Biddle, Rocky mountains, Kootenay district, B.C.
Cut. See Lindsay.
Cutarm; river, tributary to Qu'Appelle river, southern Sask. (Not Big Cutarm.)
Cutknife; creek, hill, and post office, S. of Battle river, Sask. (Not Cut Knife.)
Cyclone; peak, an outlying spur of mount Drummond, Rocky mountains, Alta.
Cypress; hills, southern Alberta and Saskatchewan.
Cypress; lake, south of Cypress hills, southwestern Saskatchewan.
Cypress; lake, southwest of Saganaga lake, Int. boundary, Rainy River district, Ont.
Cypress; river, tributary to Assiniboine river, southern Manitoba.
Cyprian; peak, in the Bishops' range, Selkirk mountains, Kootenay district, B.C.
Cyrus Field; bay, east shore of Baffin island, N.W.T. (Not Cyrus W. Field.)

D

Dack; spit, west of Port Elgin, Bruce county, Ont.
Dadancour. See Giroux.
Dago; creek, tributary to Little Slocan river, Kootenay district, B.C.
Dahadinni; river, trib. to Mackenzie R., N.W.T. (Not Dahadinee nor Dahadinne.)
Dail; creek and peak, west of Windy arm, Tagish lake, Yukon.
Dainard; creek, tributary to Moose creek, also lake east of the creek, Yoho park, Rocky mountains, Kootenay district, B.C.
Daisy; lake, emptying into Cheakamus river, New Westminster district, B.C.
Dalesville; river, tributary to West river, Argenteuil county, Que. (Not Middle Branch of West River.)
Dalhousie Mills. See Dalhousie Station.
Dalhousie Station; post village, Soulanges county, Que. (Not Dalhousie Mills.)
D'Alogmy. See Maple.
Dalton; range of mountains, near Dezadeash lake, southwest Yukon.
Daly; mount, southeast of mount Balfour, Rocky mountains, Kootenay district, B.C.
Dane; island, east of Lyal island, Bruce county, Ont.
Daniels; lake, north of Linklater lake, Kenora district, Ont. (Not Daniel nor Danish.)
Danish. See Daniels.
Daoust; mount, south of Lewes river, Yukon.
Dares; point, east side of Mahone bay, Lunenburg county, N.S. (Not Indian.)
Darlens; river, Darlens township, Pontiac county, Que. (Not Bear.)
Dark; island, Admiralty group, St. Lawrence river, Leeds county, Ont.
Dark. See Aubrey.

Dashwood; island, east of Wallace island, St. Lawrence river, Leeds county, Ont.

Dauphin; lake and town, western Manitoba.

Dauphin; river, emptying into Sturgeon bay, lake Winnipeg, Man. (Not Little Saskatchewan.)

Dauphinee; head, Hubbard cove, mountain north of Head harbour, Halifax county, and lake northeast of St. Margaret bay, Halifax and Lunenburg counties, N.S. (Not Dauphiney nor Dauphney.)

Dauphney. See Dauphinee.

Dave; bay, south side of Great Duck island, Manitoulin district, Ont.

Davenport; creek, flowing into west end of Gladys lake, Cassiar district, B.C.

David; point, Shawatlan passage, northeast of Kaien island, Coast district, B.C.

Davidson; mountains, betweeen Ladue river valley and McQuesten lakes, Yukon.

Davies; lake, west of Barnard lake, Thunder Bay district, Ont.

Davis; creek, branch of Walker creek, west of Dawson, Yukon.

Davis; island, Navy group, St. Lawrence river, Leeds county, Ont.

Davis; lake, Lutterworth township, Haliburton county, Ont. (Not Davis'.)

Dawkins. See Jorkins.

Davy; lake and river, Trécesson township, Abitibi district, Que. (Not Davie.)

Dawson; bay, in northwestern portion of L. Winnipegosis, Manitoba.

Dawson; capital city of Yukon territory. (Not Dawson City.)

Dawson; island, lake Nipigon, Thunder Bay district, Ont.

Dawson; mount, also glacier, southeast of mount Bonney, Selkirk mountains, Kootenay district, B.C.

Dawson; peak, near Teslin lake, Yukon.

Dawson; point, at the northerly end of Primrose island, Coast district, B.C.

Dawson; point, at the head of lake Timiskaming, Ont.

Dawson; range of mts., at confluence of Lewes, Pelly, and Yukon rivers, Yukon.

Dawsonvale. See Dawsonville.

Dawsonville; town, Restigouche county, N.B. (Not Dawsonvale.)

Dayman; island, west of Kuper island, S.E. coast of Vancouver island, B.C.

Deacon; lake, Melick, Pettypiece, and Redditt Tps., Kenora district, Ont. (Not Ant.)

Dead; island, also Dead Island reef, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Deadman; harbour and head, Charlotte county, N.B. (Not Deadman's.)

Deadman; islets (2), east of Beck island, also the navigable channel between the islets and the spit extending north from Felice (Round) island, Clayoquot sound, Vancouver island, B.C.

Deadwood; creek, tributary to Yukon river, below Dawson, Yukon.

Dean; bay and spit, east of Dominion point, Manitoulin district, Ont.

Dease; lake and river, tributary to Liard river, Cassiar district, B.C.

Deathdealer; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

DeBeaujeu (île); island, St. Lawrence river, Soulanges county, Que. (Not Grande île aux Erables.)

Debert; river and village, Colchester county, N.S. (Not DeBert.)

Debert. See Masstown.

Deception; bay, south shore Hudson strait, Ungava, Que. (Not Foster's Harbour nor Shedlui.)

DeCewville; post village and Ry. station, Haldimand Co., Ont. (Not Decewsville.)

Decker; lake, on telegraph trail, south of Babine lake, Coast district, B.C.

DeCourcy; group of islands, Pylades channel, southeastern coast of Vancouver island, B.C. (Not DeCourcey.)

Deep. See Canyon.

Deepwater; lake, northeast of lake Timiskaming, Pontiac county, Que.

Deer; island, 1½ m. N. W. from Gull harbour, L. Winnipeg, Man. (Not Punk.)

Deer. See Atikwa.

Deer. See Georgina.

Deer. See Punk.

Deer Park; mountain, post office, and landing to important mining district, east of Lower Arrow lake, Kootenay district, B.C. (Not Deer mountain.)

Defot; mount, also creek, Dease river, Cassiar district, B.C.

Delany; lake, southeast of Lount lake, Kenora district, Ont.

Delap Cove; village, Annapolis county, N.S. (Not Delap's Cove.)

Delisle; river, Glengarry county, Ont. (Not De Lisle nor L'Isle.)

Deltaform; mountain, Bow range of the Rockies, Alta. and Kootenay district, B.C.

Delthore; mount, Gravel river, N.W.T.

Delusion; bay, in southern portion of Digby island, Coast district, B.C.

Demaniel; creek, flowing into Sooke harbour, Vancouver island, B.C.

Demers; a peak of the Valhalla mountains, Kootenay district, B.C. (Not DeMers.)

Demers; rock, east of Brandypot channel, St. Lawrence river, Temiscouta Co., Que.

Demoiselle; cape and creek, Albert county, N.B. (Not D'Moiselle, Cap de Moselle, nor Cape de Moiselle.)

De Montigny; lake, Dubuisson and Varsan townships, Abitibi district, Que. (Not Kienawisik.)

Denise; arm, northeast arm of Morse basin, east of Kaien island, Coast district, B.C.

Denmark; lake, south of Atikwa lake, Kenora district, Ont.

Dennis; mount, also pass, south of mount Stephen, Kootenay district, B.C.

Dennis. See Denys.

Dent; mount, north of Blaeberry river, Rocky mountains, Kootenay district, B.C.

Denver; creek, tributary to St. Mary river, Kootenay district, B.C.

Denver; mount, west of Slocan lake, Kootenay district, B.C.

Denys; river, Inverness county, N.S.; also River Denys P.O., River Denys Road P.O. River Denys Station, P.O. (Not Dennis.)

Departure; bay, north of Nanaimo, Vancouver island, B.C.

Depot; island, west of Supply point, Depot harbour, Parry Sound district, Ont. (Not Supply.)

DeRottenburg; island, Brock group, St. Lawrence, R., Leeds Co., Ont. (Not Bluff.)

Derry; post office, Peel county, Ont. (Not Derry West.)

Derry West. See Derry.

DeSalaberry; island, St. Lawrence river, Beauharnois county, Que. (Not Grand.)

Descanso; bay, Gabriola island, strait of Georgia, B.C. (Not Knight nor Rocky.)

Deschaillons; seigniory and post village, Lotbinière county, and island in Richelieu river, Richelieu county, Que. (Not d'Eschaillons, des Chaillons, Eschaillons, St. Jean Deschaillons, nor St. Jean-Baptiste Deschaillons.)

Deschambault; lake, and river flowing from Wapawekka lake, central Saskatchewan. (Not Bear Lake river.)

Deschênes; post office, Ottawa county, Que. (Not Deschenes Mills.)

Deschesnes Mills. See Deschênes.

Deseronto; town, Tyendinaga township, Hastings county, Ont.

Desert; point, N.E.end of Great Duck island, Manitoulin district, Ont. (Not Sand.)

Deseticaux See Azatika.

Despair. See Espoir.

Despatch. See Dispatch.

Desolation. See Ten Peaks.

Desolation. See Wenkchemna.

DeStein; point, west of Russell arm, Prince Rupert harbour, Coast district, B.C.

Deville; mount, northwest of Ottertail station, Rocky Mts., Kootenay district, B.C.

Devils Head; mountain, in the Rocky Mountains park, Alberta. (Not Devil's Head.)

Devil's Head (lake). See Minnewanka.

Devil's Pine. See Ghostpine.

Devizes; lake, west of Barrington lake, Thunder Bay district, Ont.

Devon; island, northwest of Baffin island, N.W.T. (Not North Devon.)

DeWatteville; island, southeast of the Brock group, St. Lawrence river, Leeds county, Ont. (Not Guide.)

Dewdney; mount, Porcupine river, Yukon.

Dezadeash; lake, and river tributary to the Alsek, southwestern Yukon.

Dez Amecane. See Azatika.

Diable (cap au); cape, western entrance Kamouraska bay, Kamouraska Co., Que.

Diamond; island, west of Jubilee island, north shore of Hudson strait, N.W.T.

Diamond; lake, Herschel township, Hastings county, Ont.

Diana; bay, west of Cape Hopes Advance, Hudson strait, Ungava, Que.

Dibble; creek, tributary to Bull river, Kootenay district, B.C.

Dickey; lake, Lake township, Hastings county, Ont. (Not Dickey's.)

Dickinson Landing; post village, Stormont county, Ont. Not Dickenson's Landing nor Dickinson's Landing.)

Dickson; hill, south of Wheaton river, southern Yukon.

Dinghy; island, between Barge and Deathdealer islands, Lake Fleet group, St. Lawrence river, Leeds county, Ont. (Not 34g.)

Dinorwic; lake and railway station, Kenora district, Ont. (Not Little Wabigoon.)

Dion; creek, tributary to Yukon river, near Dawson, Yukon.

Dirt. See Chip.

Dirtywater. See Houghton.

Discovery; lake, east of Minnitaki lake, Kenora district, Ont.

Discovery. See Plumber.

Disella; lake, south of Chismaina lake, Yukon.

Dispatch; island, in Columbia river, near south end of Upper Arrow lake, Kootenay district, B.C. (Not Despatch.)

Division; mountain, east of Schwatka river, southern Yukon.

Dixie; mount, also lake, east of Atlin lake, Cassiar district, B.C.

Dixie. See O'Donnel.

Dixon; lake, Limerick township, Hastings county, Ont. (Not Dixon's.)

Dixon Corners; post village, Dundas county, Ont. (Not Dixon's Corners.)

Dobbs; island, N. of Gordon island, St. Lawrence R., Leeds county, Ont. (Not Hay.)

Doctor; island, S.E. of Tar island, St. Lawrence R., Leeds Co., Ont. (Not Doctor's.)

Doctor; island, south shore of Hudson strait, Ungava, Que.

Doctor; island, between Russell island and Tobermory harbour, at entrance to Georgian bay, Bruce county, Ont.

Doctor; lake, on Churchill river, Sask.

Dodd; narrows, between Mudge and Vancouver islands, B.C.

Dodge; cove, W. of Parizeau Pt., Digby I., Prince Rupert harbour, Coast district, B.C.

Dodge; island, north of Parizeau point, Prince Rupert harbour, Coast district, B.C.

Dog; island, also Dog Island lightstation, opposite Seal cove, north shore of Lennox passage, Richmond county, N.S. (Not Seal.)

Doghead; point, the northeastern point of entrance to the narrows of lake Winnipeg, Man. (Not East Doghead.)

Dognose; creek, tributary to Klondike river, Yukon.

Dog's Head. See Whiteway.

Dogtooth; mountains, Selkirk range, Kootenay district, B.C.

Dokdaon; creek, tributary to Stikine R., near Clearwater R., Cassiar district, B.C.

Dokis; island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Dollis; creek, tributary to Tatshenshini river, southwestern Yukon.

Dolomite; lake, south of Reed lake, Manitoba. (Not Limestone.)

Dolomite; pass, peak, and stream, Rocky mountains, Alberta.

Dombourg; islet, in St. Lawrence river, near Pointe-aux-Trembles, Portneuf county, Que. (Not Donbour nor Frechette.)

Dome; mountain, west of Cudahy, near international boundary, Yukon.

Dome; mountain, near lake Evans, Abitibi district, Que.

Dominick; lake, Rugby township, Kenora district, Ont. (Not Dominic.)

Dominion; bay and point, south shore of Manitoulin island, Manitoulin district, Ont.

Dominion; creek, tributary to Indian river, Yukon.

Don; lake, west of Favel lake, Kenora district, Ont.

Donald. See McDonald.

Donaldson; island, east of Sooke inlet, Vancouver island, B.C. (Not Secretary.)

Donbour. See Dombourg.

Dondaine; islands, St. Lawrence river, near Valleyfield, Soulanges county, Que. (Not Soulanges.)

Donjek; river, tributary to White river, Yukon.

Donkin; mount, also glacier and pass, southeast of mount Bonney, Selkirk Mts., Kootenay district, B.C.

Doobaunt. See Dubawnt.

Dorcas; bay, east coast of lake Huron, Bruce county, Ont.

D'Or; cape, Cumberland county, N.S. (Not Dore nor D'Ore.)

Doré (baie du); bay, Bruce county, Ont.

Dore. See D'Or.

Dorion. See Vaudreuil.

Dorothy; island and narrows, Devastation channel, Coast district, B.C.

Dotty; lake, Finlayson township, Nipissing district, Ont. (Not Dotty's.)

Double. See Brandon.

Douglas; channel, between Hawkesbury island and the mainland, Coast district, B.C.

Douglas; creek, southwest of Banff, Alta.

Douglas; harbour, King George sound, Hudson strait, Ungava, Que.

Douglas; lake, east of Mt. Douglas, Rocky Mts., Alta.

Douglas; mount, at headwaters of Red Deer river, Rocky Mts., Alta.

Douglas; mount, north of Victoria, B.C.

Douglas; point, Bruce county, Ont.

Douglas; point, E. entrance Melville arm, Prince Rupert harbour, Coast district, B.C.

Douglas. See Protection.

Dover. See Taylor.

Dover East; township, Kent county, Ont. (Not East Dover.)

Dover South. See Paincourt.

Dowker. See Lynch.

Dowling; lake, south of Sullivan lake, southern Alberta.

Downie; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Float.)

Doyle; island, Blind bay, Halifax county, N.S. (Not Doyle's.)

Dozois; lake, east of Grand L. Victoria, Abitibi district, Que. (Nort Birch.)

Drag; lake, Dudley township, Haliburton county, Ont.

Drewry; lake, Haycock township, Kenora district, Ont.

Driedmeat; hill and lake, on Battle river, eastern Alberta. (Not Dried Meat.)

Drifting; river, tributary to Valley river, western Manitoba.

Driftpile; river, flowing northerly into Lesser Slave lake, central Alberta.

Driftwood; creek, flowing westerly into Bulkley river, Coast district, B.C.

Dromedary; island, N.E. of Grenadier I., St. Lawrence R., Leeds Co., Ont. (Not Pear.)

Drumming; point, northeast extreme of Black island, L. Winnipeg, Man.

Drummond; mount, at headwaters of Red Deer river, Rocky Mountains park, Alta.

Drummondville Junction. See Sutton Junction.

Dryad; point, northeastern portion of Campbell island, Seaforth channel, Coast district, B.C. (Not Turn.)

Dryberry; lake, northeast of Berry lake, Kenora district, Ont.

Dryden; railway station, Kenora district, Ont.

Dubawnt; lake and river, N.W.T. (Not Doobaunt.)

Duchesnay; mount, also lake and pass, Rocky mountains, Kootenay district, B.C.

Duck; lake, southeast of Carlton, central Saskatchewan.

Duck; mountain, also Duck Mountain Forest reserve, western Manitoba.

Duck. See Sissipuk.

Duckie; lake, northwest of Chismaina lake, Yukon.

Duck Lake; Indian reserve, P.O. and railway station, southeast of Carlton, Sask.

Duck River North. See North Duck.

Duck River South. See South Duck.

Dudidontu; river, tributary to Inklin river, Cassiar district, B.C.

Dufault; lake, Dufresnoy township, Pontiac county, Que. (Not Lake of Islands.)

Dufay; lake, east of Hébert lake, Dufay township, Pontiac county, Que. (Not Rest.)

Duffin; passage, between Felice island and Low peninsula, Clayoquot sound, Vancouver island, B.C.

Dufresnoy; lake, Destor and Dufresnoy townships, Pontiac county, Que. (Not Kajakanikamak.) Previous decision revised.

Duke; point, Northumberland channel, strait of Georgia, New Westminster district, B.C.

Dumais; islet, northern of 3 rocky islets in the St. Lawrence, off St. Germain, Kamouraska county, Que.

Dumfounder; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Dumoine; lake and river, Pontiac county, Que. (Not Du Moine, Big, nor Grand.)

Duncan; mount, also glacier, east of Beaver Mt., Selkirk range, Kootenay, B.C.

Duncan; lake, north of Kootenay L., Kootenay district, B.C. (Not Upper Kootenay.)

Duncan; post office and railway station, Vancouver island, B.C. (Not Duncan's nor Duncan's Station.)

Duncan; river, flowing southeasterly into Duncan lake, Kootenay district, B.C.

Dundalk; mount, also creek and railway station, on east side of Bennett lake, Yukon.

Dundas; islands, western side of Chatham sound, Coast district, B.C.

Dundas; point, on northeast coast of Digby island, Coast district, B.C.

Dunn; island, near Pearson island, Manitoulin district, Ont. (Not Grant.)

Dunsekikan; island, lake St. Martin, Man.

Dunsmuir; islands, Ladysmith harbour, Vancouver island, B.C. (Not Twin.)

Dunvegan; a post of the H.B. Co., on Peace river, Alberta. (Not Fort Dunvegan.)

Duplex; mountain, south of Lyell creek, Rocky mountains, Alta.

Dutch; creek, flowing easterly into Oldman river, southern Alberta.

DuVernet; point, on northeast coast of Digby island, Coast district, B.C.

Dwyerhill; post office, Carleton county, Ont. (Not Dwyer Hill.)

Dyer. See Waddell.

Dyke; head, on south shore of Hudson strait, Ungava, Que.

Dyment; railway station, Kenora district, Ont.

Dyson; creek, tributary to Sheep river, also mountain, southern Alberta.

E

Eabemet; lake and river, tributary to Albany river, Patricia district, Ont.

Eagle; bay, at the south end of Grand lake Victoria, Pontiac county, Que.

Eagle; cape, above St. Fidèle, Charlevoix county, Que.

Eagle; cove and point, Cove island, at entrance to Georgian Bay, Ont.

Eagle; lake, railway station, and river, Kenora district, Ont.

Eagle; glacier and peak, Selkirk mountains, also pass and river west of Revelstoke, Kootenay district, B.C.

Eagle; hills, southwest of Battleford, Sask.

Eagle; river, tributary to Dease river, Cassiar district, B.C.

Eagle. See Anstruther.

Eagle. See Kiyiu.

Eagle. See Murphy.

Eagle. See Sakwatamau.

Eagle Crag; mountain, near confluence of Iskut and Stikine rivers, Cassiar, B.C.

Eaglehill; creek, flowing into the Saskatchewan, west of Elbow station, southern Sask. (Not Eagle nor Eagle Hill.)

Eaglenest; lake, in the Birch mountains, Alta. (Not Eagle Nest.)

Eaglenest; P.O., Brant Co., Ont. (Not Eagle Nest, Eagles Nest, nor Eagle's Nest.)

Eagle Nest; mountain, on lower Lewes river, below Little Salmon river, Yukon.

Eagle Rock; lake, northeast of Kaopskikamak lake, Kenora district, Ont.

Eamer; post office, Stormont county, Ont. (Not Eamer's Corners.)

Ear; lake, northwest of Tramping lake, Sask.

Earl Grey; pass in the summit range of the Selkirks, between Hammill and Toby creeks, Kootenay district, B.C.

Earl Grey; river, emptying into L. Aylmer, N.E. of Great Slave L. (Not Earl Grey's.)

Earl Patches; shoals, S. of Russel I., entrance to Georgian bay, Bruce county, Ont.

Earn; river, tributary to Pelly river, north of Glenlyon mountains, Yukon.

East; bluff, west of Gabriel strait, N.W.T. (Not Innarulligang.)

East; lake, Harburn township, Haliburton county, Ont.

East; river, Bonaventure county, Que. (Not East Port Daniel river.)

East; river, Pictou county, N.S. (Not East river of Pictou.)

East. See Nelson.

East Arrowwood; river, tributary to Bow river, Alta. (Not East Arrow Wood.)

East Belanger. See Girouard.

E. Br. Athabaska R. See Sunwapta.

E. Br. Thessalon R. See Bridgland.

East Caledon. See Caledon East.

East Chimney Island (shoals). See Griswold.

East Doghead. See Doghead.

East Dover. See Dover East.

East Flamboro. See Flamboro East.

E. Fork of W. Fork Kettle R. See Trapper creek.

Eastmain; river, emtying into James bay, Que. (Not East Main.)

Eastman's Springs. See Carlsbad Springs.

Easton; post village, Grenville county, Ont. (Not Easton's Corners.)

Easton's Corners. See Easton.

East Point. See Quebec head.

East Port Daniel river. See East.

East Sister; shoal, S. of Yeo I., entrance to Georgian bay, Manitoulin district, Ont.

East Souris. See Souris.

Eatchepashi. See Etchipotchi.

Ebb-and-Flow; lake, W. of the narrows of L. Manitoba, Man. (Not Ebb and Flow.)

Ecapo. See Ekapo.

Echafaud. See Pouce Coupé.

Echimamish; river, tributary to the east branch of Nelson river, Manitoba. (Not Echamamish nor Echiamamish.)

Echo; island, east of Cove island, at entrance to Georgian bay, Bruce county, Ont.

Ecstall; river, flowing into the Skeena at Essington, Coast district, B.C. (Not Hockstall, Huckstall, Huxstall, nor Oxstall.)

Ecstew. See Exstew.

Eddy; railway station, north shore of Skeena river, Coast district, B.C.

Eddy's Mills. See Edy Mills.

Edgar; lake, south of the Taku arm of Tagish lake, Cassiar district, B.C.

Edgar; post office, Essex county, Ont. (Not Edgar's Mills.)

Edgar's Mills. See Edgar.

Edgell; banks, Nanoose harbour, east coast of Vancouver island, B.C.

Edgell; island in Blunden harbour, Queen Charlotte sound, Coast district, B.C.

Edith; lake and river, Big island, Hudson strait, N.W.T.

Edith; mount, west of the north end of lake Laberge, Yukon.

Edith. See Bailey.

Edmonton; capital city of Alberta. (Not Fort Edmonton.)

Edmund; mount, northwest of Surprise lake, Cassiar district, B.C.

Edmund; rock, off Commerell point, northwest coast of Vancouver island, B.C.

Edna; point, forms eastern boundary of Christina bay, Manitoulin I., L. Huron, Ont.

Eduni; mountain, Gravel river, N.W.T.

Edward; island, and harbour in the southwest portion of the island, south of entrance to Black bay, Thunder Bay district, Ont.

Edward; lake, Smellie township, Kenora district, Ont.

Edward; point, at the entrance to St. Clair river, Lambton county, Ont.

Edy Mills; post office and railway station, Lambton county, Ont. (Not Eddy's, Eddy's Mills, nor Edy's Mills.)

Eel; lake, southwest of Opasatika lake, Pontiac county, Que.

Eel. See Pontleroy.

Eels; lake, Cardiff township, Haliburton county, Ont. (Not Eel.)

Effingham; inlet, and port on west side of Village island, Barkley sound, B.C.

Effingham; lake, Effingham Tp., Addington Co., Ont. (Not Little Weslemcoon.)

Egan; brook and lake, tributary to York R., Hastings Co., Ont. (Not Jamieson's.)

Egg. See Scotch Bonnet.

Eglinton; post office, York county, Ont. (Not Eglington.)

Egnell; creek and mountain, Sheslay R., Cassiar, B.C. (Not Egnelle nor Egnell's.)

Ego; mountain, north of Lyell creek, Rocky mountains, Alta.

Egypt. See Macdonald.

Ehkwee. See Ekwi.

Eider; islands, west coast Ungava bay, Que.

Eiffel; peak, south of Pinnacle mountain, Rocky mountains, Alberta.

Eightmile. See Tatsho.

Eighteen-mile. See Stirling.

Eins; lake, east of Tramping lake, Sask.

Eisner; cove, Halifax har., Halifax Co., N.S. (Not Isnor, Eisenhaur, nor Eisenhauer.)

Ekapo; lake, east of Weed hills, southeastern Saskatchewan. (Not Ecapo.)

Ekwan; river emptying into James bay, Patricia district, Ont. (Not Equan.)

Ekwi; river, tributary to Gravel river, N.W.T. (Not Ehkwee.)

Elbow; lake, north of Stranger lake, Kenora district, Ont.

Elbow; lake, on Grass river, northwest of Reed lake, Manitoba. (Not Ithenotosquan nor The Elbow.)

Elbow; lake, northeast of Humboldt bay, L. Nipigon, Thunder Bay district, Ont.

Elbow; mountain, at bend in lower part of Stikine river, Cassiar district, B.C.

Elbow; river, tributary to Bow river, Alta.

Elder Mills; post village and Ry. sta., York Co., Ont. (Not Elder nor Elder's Mills.)

Eldorado; creek, tributary to Bonanza creek, Yukon.

Eliot; passage, between Indian islands and Village island, at south entrance to Knight inlet, Coast district, B.C. (Not Elliot.)

Elizabeth; bay, in southern portion of Olga lake, Abitibi district, Que.

Elizabeth; lake, on northwest corner of Purdom township, Thunder Bay district, Ont. (Not Sharp Mountain lake.)

Elizabeth; point, N. of Parizeau Pt., W. side Prince Rupert harbour, Coast dist., B.C.

Elk; mountains and river, southern Alberta and Kootenay district, B.C.

Elk; river, tributary to Kootenay river, Kootenay district, B.C.

Elkwater; lake, Tp. 8, R. 3, W. 4th M., Alta.

Ella; island, north of Leach island, Manitoulin district, Ont. (Not Gull.)

Ellesmere; island, includes the whole of the insular tract lying between latitude 76° and 84° N. and longitude 62° and 90° W.; portions of which have been named "Arthur Land," "Ellesmere Land," "Grant Land," "Grinnell Land," "Jesup Land," "King Oscar Land," "North Lincoln," Schley Land," etc.

Ellinor; rock, east of Kinahan islands, southwest of entrance to Prince Rupert harbour, Coast district, B.C.

Elliott; peak, on north side of the Saskatchewan, opposite the confluence of the Saskatchewan and Siffleur rivers, Alta.

Elmtree; post village and river, Gloucester county, N.B. (Not Elm Tree.)

Embarras; river, tributary to McLeod river, central Alberta.

Embrun; railway station and village, Russell county, Ont.

Emerald; lake, peak, and river, northwest of Field, Kootenay district, B.C.

Emerald. See Louise.

Emerald. See President.

Emil; creek, tributary to Nello river, Klondike river, Yukon.

Emilia; island, Douglas channel, west of Maitland island, Coast district, B.C.

Emily Maxwell; reef, south of Fitzwilliam island, Manitoulin district, Ont.

Emma; island, northwest of Big island, Hudson strait, N.W.T. (Not High.)

Emma; lake, on Nipigon river, Thunder Bay district, Ont.

Emmerson; point, west side of Prince Rupert harbour, Coast district, B.C.

Empress; mountain, east of Sooke R., Vancouver I., B.C. (Not Conspicuous peak.)

Emulous; reef, off Ram I., Lockport harbour, Shelburne Co., N.S. (Not Emulow.)

End; mountain, south of the south fork of Ghost river, Rocky mountains, Alta.

Endako; river, tributary to Stellako river, east of Français lake, Coast district, B.C.

Endikai; lake, N.E. of Grasett Tp., Algoma district, Ont. (Not Endikai-a-go-ming.)

Endymion; island, Lake Fleet grp., St. Lawrence R., Leeds Co., Ont. (Not Endymian.)

English; portage, Pigeon river, above Grand portage, international boundary, Thunder Bay district, Ont.

English; river, rising near English River station, C.P.R., and flowing northward to L. Seul, and thence westward to its confluence with Winnipeg river, Kenora and Patricia districts, Ont.

English. See Churchill.

Englishman; lake and river, tributary to the Saskatchewan, central Sask.

Ennett; post office and railway station, Kent county, Ont. (Not Turnerville.)

Ennis; mount, east of mount Vaux, Rocky mountains, Kootenay district, B.C.

Ennishone; post settlement, Victoria county, N.B. (Not Ennishore.)

Ennishore. See Ennishone.

Enrage; cape, Chignecto bay, N.B. (Not Enragé.)

Ensley; creek, tributary to Yukon river, north of Indian river, Yukon.

Entrance; island, off Berry point, Gabriola island, S.E. coast of Vancouver I., B.C.

Equan See Ekwan.

Erskine; mount, Saltspring island, southeast coast of Vancouver island, B.C.

Eschaillons. See Deschaillons.

Eskimo; bay, islands, and river, west of the strait of Belleisle, Saguenay county, Que. (Not Esquimaux.)

Eskimo; island, one of the Mingan group; Saguenay county, Que. (Not Esquimaux.)

Eskwahani; lake, near the headwaters of Ottawa river, Berthier and Joliette counties, Que. (Not Askwahani.)

Eskwanonwatin; lake, on Black Sturgeon river, south of L. Nipigon, Thunder Bay district, Ont. (Not Esquanonwatin.)

Esplanade; range of mountains in the Selkirks, Kootenay district, B.C.

Espoir (cap d') ; cape, at entrance of Chaleur bay, Gaspé Co., Que. (Not Despair.)

Esquanonwatin. See Eskwanonwatin.

Esquimaux. See Eskimo.

Essington; town, at mouth of Skeena river, Coast district, B.C.(Not Port Essington.)

Etang. See L'Etang.

Etchipotchi; river, tributary to Waswanipi R., Abitibi, Que. (Not Eatchepashi.)

Ethel; lake, south of Mayo brook, Stewart river, Yukon.

Ethel; lake, Redditt township, Kenora district, Ont.

Etoimami. See Etomami.

Etomami; lake and river, tributary to Red Deer river, eastern Saskatchewan. (Not Etoimami nor Etoimami North.)

Etsi-kom. See Etzikom.

Etta; point, westerly extremity of Maurelle island, Coast district, B.C.

Etzikom; coulée, north of Milk river, southern Alberta. (Not Etsi-kom.)
Eulatazella; creek and lake, south of Nechako river, Cariboo district, B.C.
Eureka; creek, tributary to Indian river, Yukon.
Eva; lake, on N. T. railway, east side of Kenora district, Ont. (Not Wigwas.)
Eva; point, Devastation channel, Coast district, B.C.
Evans; creek, west of Slocan lake, Kootenay district, B.C.
Evans; lake, in northern part of Abitibi district, Que.
Evelyn; island, east of Warren island, Bruce county, Ont. (Not Birch.)
Evening; lake, southwest of Cliff lake, Kenora district, Ont.
Everest; island, Brock group, St. Lawrence river, Leeds county, Ont. (Not Sumach.)
Everett; reefs, at entrance to Timber bay, Manitoulin island, Manitoulin district, Ont.
Ewing; mount, west of Gladys lake, Cassiar district, B.C.
Execution. See Gallows.
Expanse; lake, an expansion of the upper Ottawa river, Pontiac county, Que.
Exstew; Ry. sta., also river tributary to Skeena R., Coast district, B.C. (Not Ecstew.)
Extension; post office, west of South Wellington, Vancouver island, B.C.
Eyebrow; hills, lake, and post office, southern Saskatchewan.
Eyehill; creek, flowing into Manito lake, Alta. and Sask. (Not Eye Hill.)

F

Fagan; ground, S.W. of Yeo I., at entrance to Georgian bay, Manitoulin district, Ont.
Fairfield; bluff, on Yukon river, below Cudahy, Yukon.
Fairfield; post village and railway station, Leeds county, Ont. (Not Fairfield East.)
Fairfield; railway station, east of London, Middlesex county, Ont.
Fairfield East. See Fairfield.
Fairford; river, between Manitoba and St. Martin lakes, Man.
Fairground; post office, Norfolk county, Ont. (Not Fair Ground nor Fair Grounds.)
Esplanade; range of mountains in the Selkirks, Kootenay district, B.C.
Fairholme; mountains, north of Bow river, Rocky Mountains park, Alta.
Fair Ness; headland, at entrance to Markham bay, Hudson strait, N.W.T.
Fairview; mountain, south of lake Louise, Alta. (Not Goat.)
Fairview; point, W. coast of Kaien island, Prince Rupert harbour, Coast district, B.C.
Fairway; channel, northwest of Gabriola island, southeast coast of Vancouver I., B.C.
Fairy; lake, east of Kejimkujik lake, Queens county, N.S.
Fairy. See Mamakwash.
Falcon; rock, at entrance to Prince Rupert harbour, Coast district, B.C.
Fall. See Tortue.
Falls; creek, west of Slocan lake, Kootenay district, B.C.
False; narrows, between Gabriola and Mudge islands, S.E. coast of Vancouver I., B.C.
False Detour; channel, between Cockburn and Drummond islands, Manitoulin district, Ont. The international boundary passes through the channel.
Fantail; lake and river, W. of Taku arm of Tagish L., Cassiar, B.C. (Not Otter.)
Farewell; cape, at the south end of Promise island, Coast district, B.C.
Farnam Corners; post office, Missisquoi county, Que. (Not Farnam's Corners.)
Farnsworth; mount, east of O'Donnel river, Cassiar district, B.C.

Farquart; lake, Harcourt township, Haliburton county, Ont.

Farr; creek, emptying into northerly part of lake Timiskaming, Ont.

Farran Point; post village and Ry. station, Dundas Co., Ont. (Not Farran's Point.)

Farrell; lake, Rosebud district, Alta. (Not Long.)

Farrier; river, flowing southeasterly into Primrose lake, central Alta. and Sask.

Fatigue; mountain, north of Mt. Assiniboine, Rocky Mountains park, Alta.

Favel; lake, northeast of Silver lake, Kenora district, Ont.

Favourable; lake, southeast of Island lake, Patricia district, Ont.

Fawcett; lake, southeast of Williams bay L. Seul, Kenora district, Ont.

Fawn; river, tributary to Severn river, Patricia district, Ont.

Fawn. See Woodtick.

Fay; mount, Bow range of the Rockies, Alta., and Kootenay district, B.C.

Fay; river, tributary to Klondike river, Yukon.

Felice; island, between Low peninsula and Stubbs island, Clayoquot sound, Vancouver I., B.C. (Not Round.)

Felucca; mountain, east of Blackwater range of the Rockies, Kootenay district, B.C.

Fenwick; creek, tributary to Wheaton river, southern Yukon.

Ferguson Falls; post village, Lanark county, Ont. (Not Ferguson's Falls.)

Fergusson; mount, the highest point in the ridge to the northeast of the junction of Cadwallader creek with south fork of Bridge river, Lillooet district, B.C.

Ferme (île de la); islet, centre-most of 3 rocky islets in the St. Lawrence, off St. Germain, Kamouraska county, Que.

Fern; passage, east and south of Kaien island, connecting upper portion of Prince Rupert harbour with Chatham sound, Coast district, B.C.

Ferroux; creek and mountain, north of Carmi, Yale district, B.C.

Feuz; a peak of mount Dawson, Selkirk mountains, Kootenay district, B.C.

Fèves (rivière des); river, Chateauguay county, Que.

Fiddlers Elbow; channel, between Lynedoch and Wallace islands, St. Lawrence river, Leeds county, Ont.

Field; lake, on Ross river, Yukon.

Field; mount, and railway station, Kootenay district, B.C.

Fife; creek, northwest of Whatshan lake, Kootenay district, B.C.

Fife; lake, Tp. 3, Rs. 29 and 30, W. 2 M., Sask.

Fifteen-mile. See Jennings.

Figuery; lake, Figuery township, Abitibi district, Que.

File; hills, southeastern Saskatchewan.

File; lake and river, north of Reed lake, Manitoba.

File-axe; lake, on the height of land, S.E. of Mistassini lake, Mistassini district, Que.

Findlay; island, north of Bathurst island, Arctic ocean. (Not Finlay Land nor King Christian island.) The name "King Christian," which has appeared on some recent maps, was given by Sverdrup, but the island had been previously named for Alexander George Findlay, an eminent cartographer, and publisher of atlases, nautical directories, charts, etc. He was a member of the Council of the Royal Geographical Society for many years.

Finger; mountain, west of Bennett lake, Yukon.

Finlay. See Findlay.

Finlayson; arm, southern portion of Saanich inlet, Vancouver island, B.C.

Finlayson; lake and river, near head of Pelly R., Yukon. (Not Tle-tlan-a-tsoots.)

Finlayson; mount, S. of Finlayson arm, Vancouver island, B.C. (Not Leading peak.)

Fiord; bay, Separation lake, Kenora district, Ont.

Fir; river, tributary to Red Deer river, eastern Saskatchewan.

Fire; valley, west of Lower Arrow lake, Kootenay district, B.C.

Fish. See Gap.

Fish. See Hébert.

Fish. See Incomappleux.

Fish. See Mami.

Fish. See Murphy.

Fish. See Norbury.

Fishbasket; river, emptying into Weibikwei lake, Patricia district, Ont.

Fisher; bay, northwest of Wakeham bay, Hudson strait, Ungava, Que.

Fisher; bay, northeast of Inner Duck island, Manitoulin district, Ont.

Fisher; creek, tributary to Wild Horse river, Kootenay district, B.C.

Fisher; creek, tributary to Sheep river, southern Alberta.

Fisher: harbour, north of Big island, Hudson strait, N.W.T.

Fisher; island, Brock group, St. Lawrence river, Leeds county, Ont.

Fisher; lake, east of Dryberry lake, Kenora district, Ont.

Fisher; lake, Pontiac county, Que.

Fisher; mount, east of Kootenay river, Kootenay district, B.C.

Fisher; peak, southwestern Alberta.

Fisher; range of mountains, east of Kananaskis river, southern Alta. (Not Fisher's.)

Fisher; river, flowing northeasterly into the bay of the same name, L. Winnipeg, Man.

Fisherman; cove, at the north end of Gill island, Coast district, B.C.

Fishing; islands, extending from Chiefs point to Pike point, Bruce county, Ont. (Not Ghegheto.)

Fishing; lakes (4), on Qu'Appelle river, southeastern Saskatchewan.

Fishtail; lake, Harcourt township, Haliburton county, Ont. (Not Fish Tail.)

Fitzwilliam; channel and island, entrance to Georgian bay, Manitoulin dist., Ont.

Five-finger; rapid, in Lewes river, below Nordenskiöld river, Yukon.

Flagstaff; hill, in Tp. 41, R. 11, W. 4 M., eastern Alberta.

Flamboro Centre; post village, Wentworth county, Ont. (Not Flamborough Centre.)

Flamboro East; township, Wentworth county, Ont. (Not East Flamboro nor Flamborough East.)

Flamboro West; post village and township, Wentworth county, Ont. (Not Flamborough West, West Flamboro nor West Flamborough.)

Flat; creek, tributary to Illecillewaet river, Kootenay district, B.C.

Flat; creek, tributary to Klondike river, Yukon.

Flat; point, east entrance to Sydney harbour, Cape Breton county, N.S. (Not Low.) (To avoid confusion with Low point and Low Point post office, Inverness county.)

Flat. See Ridley.

Flathead; range of mountains, Alta., and Kootenay district, B.C., also river, Kootenay district, B.C.

Flatland; harbour, island, and reef, west of Pie island, Thunder Bay district, Ont.

Fleet; point, Nanaimo harbour, east coast of Vancouver island, B.C.

Fleming; island, southeast of Port Dover, Halifax county, N.S. (Not Fleming's.)

Fleming; peak, Hermit range of the Selkirks, Kootenay district, B.C.

Flemming; brook, tributary to Little R., Gloucester Co., N.B. (Not S. Br. of Little R.)

Fletcher; island, in Frobisher bay, N.W.T.

Fletcher; lake, in McClintock township, Haliburton county, Ont. (Not Fletcher's.)

Flint; lake, north of Kakagi lake, Kenora district, Ont.

Float; creek, tributary to Ottertail river, Rocky mountains, Kootenay district, B.C.

Float. See Downie.

Florence; river, tributary to Klondike river, Yukon.

Flowerpot; island, east of Cove island, at entrance to Georgian bay, Bruce county, Ont. (Not Flower Pot.)

Fluke; lake, west of Cliff lake, Kenora district, Ont.

Foam; lake, Tps. 31 & 32, R. 12, W. 2 M., southeastern Saskatchewan.

Foamfall; river, tributary to Ashuapmuchuan river, Chicoutimi county, Que.

Fog; lake, west of Manitou lake, Kenora district, Ont.

Folden; post office, Oxford county, Ont. (Not Folden's Corners.)

Folden's Corners. See Folden.

Folding; mountain, southeast of Brulé lake, central Alberta.

Follé; mountain, between Watson and Wheaton rivers, southern Yukon.

Folly. See Fort Folly.

Footprint; lake and river, N. of Threepoint L., Manitoba. (Not Squirrel nor Weir.)

Forbes; mount, southeast of Mt. Lyell, Rocky Mts., Alberta.

Fording; river, tributary to Elk river, Kootenay district, B.C.

Foreleg; bay, in Atikwa lake, Kenora district, Ont. (Not Little Jackfish.)

Forest; lake, west of Whitney lake, Kenora district, Ont.

Foresters; island, in the bay of Quinte, Prince Edward county, Ont. (Not Captain John's island.)

Fork; lake, Tp. 63, R. 11, W. 4 M., eastern Alta.

Fork; river, tributary to Mossy river, south of L. Winnipegosis, Man.

Forks; lake, on Churchill R., below Stanley mission, Sask. (Not Rapid River lake.)

Forsyth; island, Admiralty group, St. Lawrence R., Leeds county, Ont. (Not Quarry.)

Fort Chimo. See Chimo.

Fort Chipewyan. See Chipewyan.

Fort Dunvegan. See Dunvegan.

Fort Edmonton. See Edmonton.

Fort Folly; point, between Memramcook and Petitcodiac rivers, Westmorland county, N.B. (Not Folly.)

Fort Frances; village and H. B. Co. post, on Rainy river, Rainy River district, Ont. (Not Fort Francis.)

Fort Fraser. See Fraser.

Fort James. See Fort St. James.

Fraser; point, southerly coast of Digby island, Coast district, B.C.

Fort McKay. See McKay.

Fort Macleod. See Macleod.

Fort McMurray. See McMurray

Fort Nelson; river, tributary to Liard river, Cariboo district, B.C. (Not Nelson.)

Fortress; lake, at head of Wood river, also mountain north of the east end of the lake, Rocky mountains, Alberta.

Fort St. James; H. B. Co. post, Mining Record office, and P. O., near the outlet of Stuart lake, Coast district, B.C. (Not Fort James.)

Fort St. John; H. B. Co. post, on Peace river, Cariboo district, B.C.

Fort Selkirk. See Selkirk.

Fort Severn; See Severn.

Fort Smith; H. B. Co. post, also post settlement, on Slave river, northern Alberta.

Fort Wallace; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Fort William; city, Thunder Bay district, Ont.

Fortymile; river and town, Yukon. (Not Forty Mile.)

Fossil; mountain, southwest of mount Douglas, Rocky mountains, Alta.

Foster's. See Deception.

Fosthall; creek, west side of Upper Arrow lake, Kootenay district, B.C.

Fouquette; river, flowing into the St. Lawrence, below St. André, Kamouraska county, Que.

Fourchu; harbour, Cape Breton county, N.S. (Not Fourché nor Fourchou.)

Four-mile. See Lakit.

Fournier; post village, Prescott county, Ont. (Not Fournierville.)

Fowl; point and portage, international boundary, Thunder Bay district, Ont.

Fox; mount, also glacier, in the Selkirks, B.C.

Fox; island, Weller bay, Ameliasburg township, Prince Edward county, Ont.

Fox; island, in lake Simcoe, York county, Ont. (Not Snake.)

Fox; islands, Gordon bay, N.W.T. (Not West Fox.)

Fox; land, S.W. portion of Baffin I., Gordon bay, N.W.T. (Not Foxe nor Luke Fox.)

Fox. See Gordon.

Foxe. See Fox.

Framboise; village, Richmond county, N.S. (Not Frambois.)

Français; lake, south of Babine L., Cariboo and Coast districts, B.C. (Not Francois.)

Frances; lake and river, southeastern Yukon.

Frances Smith; shoal, entrance to Key harb., Georgian bay, Parry Sound dist., Ont.

Francisco; point, southeast end of Quadra island, Coast district, B.C.

François. See Français.

Frank; lake, south of N. T. Ry., northeast of L. Nipigon, Thunder Bay district, Ont.

Frank Clark. See Clark.

Franklin. See Shawanaga.

Franktown; post village and railway station, Lanark county, Ont. (Not Frankstown.)

Fraser; lake, Carlow township, Hastings county, Ont. (Not Fraser's.)

Fraser; lake, H. B. Co. post, and telegraph station, south of Stuart lake, Cariboo district, B.C. (Not Nalta lake, nor Fort Fraser post and station.)

Fort Lennox. See Noix.

Fraser; reach, northeast of Princess Royal island, Coast district, B.C.

Fraser; river, central and southern British Columbia.

Fraser. See Frazer.

Fraserville; town, Temiscouata county, Que. (Not Frazerville.)

Frazer; creek and lake, S. of L. Nipigon, Thunder Bay district, Ont. (Not Fraser.)

Frazer; island, Becher bay, southern coast of Vancouver island, B.C. (Not Fraser.)

Frazerville. See Fraserville.

Fréchette; bay, bank, and point, near Misery bay, Manitoulin district, Ont.

Fréchette. See Dombourg.

Freda. See Freya.

Frederick; lake, Halifax county, N.S. (Not Pine Wood.)

Frederick; lake, west of Kusawa lake, southwestern Yukon.

Frederick; point, E. coast of Digby I., Prince Rupert harbour, Coast district, B.C.

Freeman's. See Freemen.

Freemen; lake, and river tributary to Athabaska river, Alta. (Not Freeman's.)

Freestone. See Gregory.

Frenchman; bay, Ontario county, Ont. (Not Pickering harbour.)

Frenchman; lake, Tp. 64, R. 10, W. 4 M., eastern Alberta.

Frenchman; river, in southern Saskatchewan. (Not White Mud.)

Freshfield; mount, north of Blaeberry river, Rocky Mts., Kootenay district, B.C.

Fresno; creek, tributary to Yukon river, below Dawson, Yukon.

Freya; a spur of the Valhalla mountains, Kootenay district, B.C. (Not Freda.)

Friday; creek, branch of Sulphur creek, Indian river, Yukon.

Friday; lake, southwest of Lorrain township, Timiskaming district, Ont.

Frigate; mountain, N.E. of Blackwater range of the Rockies, Kootenay district, B.C.

Fritz; landing, on east side of Lower Arrow lake, Kootenay district, B.C.

Froatsburn; post office, Dundas county, Ont. (Not Froatburn nor Froathburn.)

Frobisher; bay, in S.E. portion of Baffin island, N.W.T. (Not Lumly inlet, &c.)

Frobisher; post office and railway station, southeastern Sask. (Not Frobyshire.)

Frog; lake, and Frog Lake Indian reserve, eastern Alberta.

Frostfish; cove, in N.E. portion St. Margaret bay, Halifax Co., N.S. (Not Frost Fish.)

Froude; bay, northeast of McKim bay, Manitoulin island, Manitoulin district, Ont.

Fuller; lake, south of Chemainus, Vancouver island, B.C. (Not Howe.)

G

Gabarus; bay, cape, and P.O., Cape Breton Co., N.S. (Not Gabarous nor Gabarouse.)

Gabriel; island, Frobisher bay, N.W.T. (Not Gabriell.)

Gabriel; strait, between Resolution I. and mainland, N.W.T. (Not Tudjakdjudusirn.)

Gabriola; island, passage, and reefs, east of Nanaimo, B.C.

Gaetz; cove, east side of Mahone bay, Lunenburg county, N.S.

Gage. See Ninemile.

Gage. See Simcoe.

Gainsborough; creek, tributary to Souris R., Manitoba and Sask. (Not North Antler.)

Gainsborough; township, Lincoln county, Ont. (Not Gainsboro.)

Gale. See Peter.

Galena; bay, at north end of Upper Arrow lake, Kootenay district, B.C. (Not Thumb.)

Galena; creek, tributary to Yukon river, below Indian river, Yukon.

Galiano; island, and Galiano gallery near Descanso bay, Gabriola island, strait of Georgia, New Westminster district, B.C. (Not Malaspina's gallery.)

Galiano. See Nigei.

Galloway; rapids, between Morse and Wainwright basins, southeast of Kaien island, Coast district, B.C.

Galloway; settlement, Kent Co., N.B. (Not Galway, New Galway, nor New Galloway.)

Gallows; point, south extreme of Protection island, southeast coast Vancouver island, B.C. (Not Execution.)

Galop; canal, island, and rapids, St. Lawrence river, Dundas county, Ont. (Not Gallop, Gallops, Gallopes, Galoup, nor Galloup.)

Galt; creek, flowing into Grand river at Galt, Waterloo, Wellington, and Wentworth counties, Ont. (Not Mill.)

Galton; range of mountains, west of Wigwam river, Kootenay district, B.C.

Galway. See Galloway.

Gamskagamik; lake, south of lake Hill, Kenora district, Ont. (Not Painkiller.)

Gaotanaga; lake, west of Grand lake Victoria, Pontiac county, Que.

Gap; creek, tributary to Maple creek, southwestern Saskatchewan. (Not Fish.)

Garden; island, N.E. of Du Vernet Pt., Digby I., Prince Rupert harb., Coast dist., B.C.

Garden; island, north of Wolfe island, St. Lawrence river, Frontenac county, Ont.

Garden Island; lake, north of Matchimanitou lake, Abitibi district, Que.

Garden; river, tributary to the Saskatchewan, east of Birson, Sask. (Not Sucker.)

Gardner; canal, Devastation channel, Coast district, B.C. (Not Gardiner.)

Garibaldi; hill, west of Pedder bay, Vancouver island, B.C. (Not North peak.)

Garnet; creek, tributary to Dominion creek, Indian river, Yukon.

Garnet; mountain, west of mount Goodsir, Rocky mountains, Kootenay district, B.C.

Garrett; island, N.W. Lynedoch I., St. Lawrence R., Leeds Co., Ont. (Not Garrett's.)

Garry; lake and river, tributary to Delisle R., Glengarry Co., Ont. (Not Black lake.)

Garson; lake and river, Alta. and Sask. (Not Swan lake nor Whitefish lake and river.)

Garthby; post village, railway station, and township, Wolfe county, Que. (Not Garthby Station P.O.)

Garthby Station. See Garthby.

Gasline; post office, Welland county, Ont. (Not Gas Line.)

Gaspereau; lake, also river tributary to Salmon river, Queens and Sunbury counties, N.B. (Not Gaspereaux.)

Gaspereau; lake, also river tributary to Salmon river, Queens and Sunbury counties,

Gaspesia; shoal, southeast of Walkhouse point, Manitoulin district, Ont.

Gat; point, on western part of Cove I., at entrance to Georgian bay, Bruce county, Ont.

Gatacre; point, south shore of Manitoulin island, Manitoulin district, Ont.

Gates; island, west of Howe island, St. Lawrence river, Frontenac county, Ont.

Gatineau Point; village, at the mouth of Gatineau river, Ottawa county, Que.

Gaudin; point, Devastation channel, Coast district, B.C.

Gauley; bay, northeast of Greenough point, Bruce county, Ont.

Gawjewiagwa; lake, east of Anzhekumming lake, Kenora district, Ont.

Geikie; creek and glacier, N. of Dawson glacier, Selkirk Mts., Kootenay district, B.C.

Geikie; island, L. Nipigon, Thunder Bay district, Ont. (Not White's.)

Geikie; lake, east of lake Evans, Abitibi district, Que.

Gem; lake, in McGarry township, Timiskaming district, Ont.

Genesta; reef, S. of Maiden I., S. shore of Manitoulin I., Manitoulin district, Ont.

Gens-de-terre; river, tributary to Gatineau river, Ottawa and Pontiac counties, Que. (Not Jean de Terre.)

George; bay and cape, Northumberland strait, Antigonish Co., N.S. (Not St. George.)

George; creek, tributary to the south branch of Brazeau river, central Alberta.

George; island, Halifax harbour, Halifax county, N.S. (Not Georges nor George's.)

George; lake, Prescott county, Ont. (Not Georges nor Georgian.)

George; point, at east entrance to Black bay, Thunder Bay district, Ont.

George. See St. George.

Georgia; lake, southeast of lake Nipigon, Thunder Bay district, Ont.

Georgia; rock, at entrance to Prince Rupert harbour, Coast district, B.C.

Georgian; bay, the northeastern portion of lake Huron, Ont.

Georgina; island, north of Hill island, St. Lawrence river, Leeds county, Ont. (Not Catline nor Deer.)

Germain; island, E. of Dokis I., entrance to Key harbour, Parry Sound dist., Ont.

German Mills; post village, Waterloo county, Ont. (Not German Mill.)

Gertrude; point, Douglas channel, near Kitkiata, Coast district, B.C.

Ghegheto. See Fishing.

Ghost; island, between Jeannette island and the Millar group, North channel, Queen Charlotte sound, Coast district, B.C. (Not Round island.)

Ghost; lake, north of Wabigoon lake, Kenora district, Ont.

Ghost; river, tributary to Bow river, Alta.

Ghost. See Spirit.

Ghostpine; creek, tributary to Red Deer river, Alta. (Not Devil's Pine.)

Ghostpine; lake, Tp. 36, Rs. 24 and 25, W. 4th M., Alta. (Not Devil's Pine.)

Gibraltar; peak, north of Palmer creek, Selkirk Mts., Kootenay district, B.C.

Gibraltar. See Harvey.

Gig; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Gilbert; railway station, Kenora district, Ont.

Gil; island, northwest of Princess Royal island, Coast district, B.C. (Not Gill.)

Gillies; lake and railway station, southwest of Cobalt, Ont. (Not Mud lake.)

Gilphie; reef, off Pine Tree harbour, Bruce county, Ont.

Gimli; a peak of the Valhalla mountains, Kootenay district, B.C.

Girouard; mount, south of Mt. Inglismaldie, Rocky Mountains park, Alta.

Girouard; point, north of Western Duck island and west of Rickley harbour, Manitoulin district, Ont. (Not East Belanger.)

Giroux; island, St. Lawrence R., Soulanges Co., Que. (Not Dadancour.)

Giroux; lake and post office, southeast of Cobalt, Timiskaming district, Ont.

Gizzard; river, tributary to Bell river, Abitibi district, Que.

Glacier; creek, a branch of Gold creek, Yukon.

Glacier; lake, near Howse pass, Rocky mountains, Alta.

Glacier; point, west of Sheringham point, Juan de Fuca strait, Vancouver island, B.C. (Not Point-no-Point.)

Glacier. See Peyto.

Glacier. See Yoho.

Glacier Crest; mountain, Selkirk mountains, Kootenay district, B.C.

Gladman; mount, on Yukon river, near the international boundary, Yukon.

Gladsheim; a peak of the Valhalla mountains, Kootenay district, B.C.

Gladstone; creek, east of Lower Arrow lake, Kootenay district, B.C.

Gladys; lake and river, southwest of Teslin lake, Cassiar district, B.C. (Not Sucker lake, nor North river.)

Glasgow; island, in North bay, Hudson strait, N.W.T.

Glave; mount, near upper waters of Chilkat river, Cassiar district, B.C.

Glenallan; village, Wellington county, Ont. (Not Glen Allan.)

Glenbrook; post office, Glengarry county, Ont. (Not Glen Brook.)

Glencoe; island, northwest of Strathcona islands, Hudson strait, N.W.T.

Glencolin; post office, Elgin county, Ont. (Not Glen Colin.)

Glenelbe; post office, Leeds county, Ont. (Not Glen Elbe.)

Glengarry; point, also Glengarry Point lightstation, opposite lower end of St. Regis island, Glengarry county, Ont. (Not Stonehouse.)

Glenhuron; village, Simcoe county, Ont. (Not Glen Huron.)

Glenlyon; mountains and river, Pelly river, Yukon.

Glennevis; post office, Glengarry county, Ont. (Not Glen Nevis.)

Glenogle; creek and railway station, Kootenay district, B.C.

Glenora; village, on Stikine river, below Telegraph creek, Cassiar district, B.C.

Glenroy; post office and railway station, Glengarry county, Ont. (Not Glen Roy.)

Glensutton; P.O. and Ry. station, Brome Co., Que. (Not Glen Sutton nor Glenton.)

Glenwillow; post settlement, Metcalfe Tp., Middlesex Co., Ont. (Not Glen Willow.)

Glycerine; rock, South bay, Manitoulin island, Manitoulin district, Ont.

Gnat; creek, tributary to Klondike river, Yukon.

Gnat; river, at south end of Kootenay lake, Kootenay district, B.C.

Goacha. See Maguasha.

Goat; range of mountains, east of Spray river, Rocky Mountains park, Alta.

Goat. See Bow.

Goat. See Fairview.

Goat. See Teresa.

Goat Canyon; creek, tributary to Caribou creek, Kootenay district, B.C.

Goatfell; railway station, Kootenay district, B.C.

Gobeil; island, north of Coste island, Kitimat arm, Coast district, B.C.

Goble; post office, Oxford county, Ont. (Not Goble's.)

Godbout; river, Saguenay county, Que. (Not Godbret nor Goodbout.)

Goderich; town, Huron county, Ont.

Gods; lake and river, northeast of L. Winnipeg, draining into Hays R., Manitoba.

God's Mercie; islands of, north shore of Hudson strait, N.W.T. This name was also applied at one time to the island now known as "Middle Savage."

Gods Mercy; bay of, Southampton island, Hudson bay, N.W.T.

Gold; creek, tributary to Sixtymile river, Yukon.

Gold; range of mountains, west of Columbia river, Yale district, B.C.

Gold; river, flowing into Columbia river, above Bush river, Kootenay district, B.C.

Goldbottom; creek, branch of Hunker creek, a tributary to Klondike river, Yukon.

Golden; creek, branch of Henderson creek, north of Stewart river, Yukon.

Golden; valley, southeast of Pike bay, Bruce county, Ont.

Golden Horn; mountain, southwest of Lewes river, Yukon.

Golden Mountain (settlement). See Gowland Mountain.

Goldfinch; lake, upper waters of Lievre river, St. Maurice county, Que.

Gold-run; creek, tributary to Dominion creek, Indian river, Yukon.

Goldsmith; river, tributary to Driftpile river, central Alberta.

Goldstream; lakes and river, emptying into Finlayson arm, Vancouver island, B.C.

Goldstream; mountain, west of Mt. Sir Sandford, Selkirk Mts., Kootenay, B.C.

Gonzales; hill and point, east of Victoria, B.C. (Not Shotbolts.)

Goodbout. See Godbout.

Goodsir; mount, also creek, S.E. of Mt. Vaux, Rocky Mts., Kootenay district, B.C.

Goodwin; creek, flowing east into Teslin lake, Cassiar district, B.C.

Goodwin; lake, Lorrain township, Timiskaming district, Ont.

Goose; cape, below Coudres island, St. Lawrence river, Charlevoix county, Que. French usage: Oies (cap aux), which see.

Goose; point, south shore Manitoulin island, Manitoulin district, Ont.

Goose. See Granby.

Goose. See Grey Goose.

Goose. See Primrose.

Gooseberry. See Marjorie.

Goosehunting; creek, tributary to Carrot river, Sask. (Not Maple river.)

Gordon; bay, west of Chorkbak inlet, Hudson strait, N.W.T. (Not Fox.)

Gordon; brook, west of Lower Arrow lake, Kootenay district, B.C.

Gordon; island, N. of Lake Fleet group, St. Lawrence R., Leeds Co., Ont. (Not Citron.)

Gordon; lake, east of Linklater lake, Kenora district, Ont.

Gordon; lake, Tp. 45, R. 10, W. 3 M., Sask.

Gordon; mount, near Stikine river, south of Telegraph creek, Cassiar district, B.C.

Gordon; mount, northwest of mount Balfour, Rocky mountains, Alta. and B.C.

Gorge; creek, tributary to Sheep river, southern Alberta.

Gorman; lake, Brudenell township, Renfrew county, Ont.

Gothics; group of peaks, north of Howard creek, Selkirk Mts., Kootenay dist., B.C.

Goudron; river, tributary to Kamouraska river, Kamouraska county, Que.

Gough; lake, south of Battle river, Alta.

Goulbourn; post office and township, Carleton county, Ont. (Not Goulbourne.)

Goulbourne. See St. Helena.

Gould Dome; mountain, Rocky Mts., southwestern Alberta. (Not Gould's Dome.)

Gounamitz. See Gunamitz.

Gourdeau; island, north of Swede island, Thunder Bay district, Ont.

Govan; brook, Bruce harbour, Hudson strait, N.W.T.

Gowganda; lake, mining division, and post office, Timiskaming district, Ont. (Not Gow Ganda.)

Gowland Mountain; post settlement, Albert county, N.B. (Not Golden Mountain.)

Grace; lake, Dudley township, Haliburton county, Ont.

Grace; lake, in Skead township, Timiskaming district, Ont.

Graeme. See Pulteney.

Graham; creek, tributary to Souris river, southern Manitoba and Saskatchewan.

Graham; creek and inlet, west of Atlin lake, Cassiar district, B.C. (Not Taku inlet.)

Graham; mount, Selkirk range, Kootenay district, B.C.

Graham. See Lavigne.

Graisse, rivière a la. See Rigaud.

Gramophone; creek, flowing into Bulkley R., above Moricetown, Coast district, B.C.

Grampus. See Mosher.

Granby; bay, west of Larcom island, Observatory inlet, Cassiar district, B.C. (Not Goose nor Xschwan.)

Granby; point, southern entrance to Granby bay, Observatory inlet, Cassiar, B.C.

Grand; glacier and mountain, S.E. of Purity range, Selkirk Mts., Kootenay dist., B.C.

Grand; point and reef, Brulé bay, Thunder Bay district, Ont. (Not Brulé.)

Grand. See Black.

Grand See DeSalaberry.

Grand. See Dumoine.

Grand. See Kelvin.

Grand. See Shubenacadie.

Grandboro; post village, Shefford county, Que. (Not Grandborough.)

Grande (anse); bay, Gaspe county, Que. (Not Grand.)

Grande-Anse; post village, Gloucester county, N.B. (Not Grand Anse.)

Grande Batture. See Leonard.

Grande Ile aux Erables. See De Beaujeu.

Grande Prairie; post settlement, central Alberta.

Grand Etang; town, Inverness county, N.S. (Not Grande Etang.)

Grand Lac du Commissaires. See Thirty-one-mile.

Grand Lake Jacques Cartier. See Jacques Cartier.

Grand Lake Victoria; upper waters of Ottawa river; Pontiac county, Que.

Grand Manan; island, Charlotte county, N.B. (Not Menan.)

Grand Manitoulin. See Manitoulin.

Grand Rustico. See North Rustico.

Grand Valley; creek, tributary to Bow river, Alta.

Granger; mountain, west of Coal lake, southern Yukon.

Granite; creek, flowing into Quiet lake, southeastern Yukon.

Granite; creek, tributary to Caribou creek, Kootenay district, B.C.

Granite Creek; post office, on creek of same name, S.E. of Tulameen, Yale dist., B.C.

Granite; lake, west of Smoothbrook lake, Thunder Bay district, Ont.

Granite; point, northwesterly extremity of Quadra island, Coast district, B.C.

Granite; river, flowing southwesterly into lake of same name on international boundary, Thunder Bay district, Ont.

Grant; peak, Hermit range, Selkirk mountains, Kootenay district, B.C.

Grant; point, southwest point of Maitland island, Coast district, B.C.

Grant. See Dunn.

Grant Corners; post office, Glengarry county, Ont. (Not Grant's Corners.)

Grantham; shoals, southeast of Todman reef, Manitoulin I., Manitoulin district, Ont.

Grant Land. See Ellesmere.

Granville; lake, on Churchill river, Manitoba. (Not Grenville.)

Grape; island, Muscote bay, N.E. of Huff I., bay of Quinte, Prince Edward Co., Ont.

Grape. See Rose.

Grasett; railway station and township, Algoma district, Ont. (Not Grassett.)

Grass; river, tributary to Nelson river, Manitoba.

Grass. See Kiskitto.

Grass. See Rose.

Grassberry; river, flowing southerly into Cumberland lake, central Saskatchewan.

Grassey's Corners. See Grassie.

Grasshopper; mountain, north of Tulameen river, Yale district, B.C.

Grassie; village, Lincoln county, Ont. (Not Grassies nor Grassey's Corners.)

Grassy; point, in northeastern portion of Sophiasburg Tp., Prince Edward Co., Ont.

Grassy. See Bronson.

Grassy. See Caldwell.

Grassy River lake. See Stanawan.

Gratton Corners; P.O., Prescott Co., Ont. (Not Gratton Corner nor Gratton's Corner.)

Grave. See Wapiabi.

Gravel; point, on eastern side of Great Duck island, Manitoulin district, Ont.

Gravel; river, tributary to Mackenzie river, N.W.T.

Gravelly. See Ostrander.

Gray; mount, also ridge, north of Bennett lake, Yukon.

Gray; strait, at eastern entrance to Hudson strait, Ungava, Que.

Grays; creek, flowing into Crawford bay, Kootenay, B.C. (Not Greys.)

Gray Wolf; mountain, north of the Valhalla mountains, Kootenay district, B.C.

Great. See Hamilton.

Great Bear; lake and river, Mackenzie, N.W.T. (Not Bear nor Great Bear Lake river.)

Great Bear Sand hills. See Wapawekka.

Great Beaver; lake, at headwaters of St. Maurice river, Champlain county, Que.

Great Bishop Roggan. See Roggan.

Great Black. See Hecla.

Great Bras d'Or; channel, northwest of Boularderie island, extending to Barra strait from the Atlantic, Cape Breton and Victoria counties, N.S.

Great Bras d'Or lake. See Bras d'Or lake.

Great Duck; island, the largest of the Duck island group, Manitoulin district, Ont.

Great Fish. See Backs.

Great Metis. See Metis.

Great New. See Long.

Great Opeongo. See Opeongo.

Great Shemogue. See Shemogue.

Great Tusket. See Tusket.

Greece Point; post village, Argenteuil Co., Q. (Not Græca Point nor Greece's Point.)

Green; creek, branch of Sulphur creek, Indian river, Yukon.

Green; lake and river, emptying into west end of Lillooet lake, Lillooet district, B.C.

Green; mount, southwest of Ross peak, Selkirk mountains, Kootenay district, B.C.

Green point, northeast extremity of Sophiasburg township, Prince Edward county, Ont.

Green; point, north of Inner Duck island, Manitoulin district, Ont.

Green. See Victoria.

Greenan; lake, Jones township, Renfrew county, Ont. (Not Greenan's.)

Greenbush; lake, southeast of lake St. Joseph, Thunder Bay district, Ont.

Green Cove. See Port Maitland.

Greene; island, N.W. of Western Duck I., Manitoulin district, Ont. (Not Green's.)

Greene Island; harbour, Manitoulin island, Manitoulin district, Ont.

Greenfield; shoal, S. of Turning island, entrance to Georgian bay, Bruce county, Ont.

Greenough; bank, harbour, and point, S.E. of Pine Tree harbour, Bruce county, Ont.

Green Point; post settlement and railway station, Gloucester county, N.B.

Greens; glacier, in the Selkirk mountains, Kootenay district, B.C. (Not Green.)

Green's. See Terminal.

Greenshields; lake, on Severn river, Patricia district, Ont.

Greenwood Land; at head of Frobisher bay, N.W.T. (Not Greenwood's.)

Green Valley. See Verte-Vallée.

Gregg; creek and lake, between Athabaska and Baptiste rivers, Alta. (Not Lower White Fish.)

Gregory; island, northwest of Doctor island, St. Peters inlet, Richmond county, N.S. (Not Freestone islet.)

Grenadier; island, in St. Lawrence river, Leeds county, Ont. (Not Bathurst.)

Grenville. See Granville.

Grey; island, N. of Edward I. and S. of entrance to Black bay, Thunder Bay dist., Ont.

Grey Goose; island, opposite mouth of Big R., James bay, Que. (Not Goose.)

Greys. See Grays.

Gribbell; island, between Ursula channel and Verney passage, Coast district, B.C.

Grice; point, N.W. extreme of Low peninsula, Clayoquot sound, Vancouver I., B.C.

Griffin; bay, southwest shore Frobisher bay, N.W.T.

Griffin; mount, southwest of Griffin lake, Yale district, B.C.

Grimross; islands, in St. John river, Queens county, N.B. (Not Grimrose.)

Grimsthorpe; lake, Grimsthorpe township, Hastings county, Ont. (Not Wolf.)

Grindstone; island and point, northeast coast of Digby island, Coast district, B.C.

Grindstone; lake, Redditt township, Kenora district, Ont.

Grindstone; point, east entrance of Washow bay, lake Winnipeg, Manitoba.

Grinnell; glacier, southwest shore of Frobisher bay, N.W.T.

Grinnell; peninsula, northwesterly portion of Devon I., N.W.T. (Not Grinnell Land.)
Grinnell Land. See Ellesmere.
Griswold; island and shoals, east of Bridge island, St. Lawrence river, Yonge township, Leeds county, Ont. (Not East Chimney Island shoals.)
Grizzly; bluff, near the mouth of Teslin river, Yukon. (Not Grizzly Bear Bluff.)
Grizzly; mountain, in the Selkirks, Kootenay district, B.C.
Grog; island, in Batteau channel, N. of Howe I., St. Lawrence R., Frontenac Co., Ont.
Groswater. See Melville.
Grotto; mountain, east of Canmore, Rocky Mountains park, Alta.
Grove; island, northeast of Huff island, bay of Quinte, Prince Edward county, Ont.
Grundy; creek, east of Kootenay river, north of Steele, Kootenay district, B.C.
Gryphon; lake, southwest of Wall-eye lake, Kenora district, Ont.
Guano; rock, southwest of Dead island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.
Guard; island, Southgate group, Queen Charlotte sound, Coast district, B.C.
Guard. See Gurd.
Guardsman; mountain, northeast of Mt. Sir Sanford, Selkirk mountains, B.C.
Guide. See De Watteville.
Gull; lake, east of Pelly lakes, Yukon.
Gull. See Barbara.
Gull. See Cavalier.
Gull. See Charwell.
Gull. See Ella.
Gull. See Kaiashk.
Gull. See Mississagua.
Gun; lake, north of Nahlin river, Cassiar district, B.C.
Gunamitz; river, tributary to Restigouche R., N.B . (Not Gounamitz, nor Little Fork.)
Gunliffe. See Cunliffe.
Gullrock; lake, southeast of Red lake, Patricia district, Ont. (Not Gull Rock.)
Gun; creek and lake, tributary to Bridge river, Lillooet district, B.C. (Not Gunn.)
Gunflint; lake, international boundary, Thunder Bay district, Ont. (Not Gun Flint.)
Gunn; point, south of Douglas point, Bruce county, Ont.
Gunn. See Gun.
Gunter; lake, Cashel township, Hastings county, Ont. (Not Gunter's.)
Gustavus; mountains, between Mayo L. and Laduc and McQuesten rivers, Yukon.
Guysborough; county and town, N.S. (Not Guysboro.)
Gyrfalcon; islands, south coast Ungava bay, Que.
Gurd; island, Kitkatlah inlet, Coast district, B.C. (Not Guard.)
Gzowski; lake, north of N. T. R. and east of Robinson L., Thunder Bay district, Ont.

H

Habel; mount, S.W. of Mt. Collie, Rocky Mts., Kootenay district, B.C. (Not Hidden.)
Habitants See Inhabitants.
Hackett; cove, also Hackett Cove village, east shore of St. Margaret bay, Halifax county, N.S. (Not Hackett's Cove village, nor Haggert cove.)

Hackett; river, tributary to Sheslay river, Cassiar district, B.C.
Haddo; peak of mount Aberdeen, Rocky mountains, Alberta.
Haeckel; hill, near the confluence of Lewes and Takhini rivers, Yukon.
Hagerman; post village, York county, Ont. (Not Hagerman's Corners.)
Haggart; creek, tributary to Johnston creek, McQuesten river, Yukon.
Haggert. See Hackett.
Ha Ha; bay, lake, and river, Chicoutimi Co., Q. (Not Bay Ha Ha, nor Baie des Ha Ha.)
Haileybury; town, Timiskaming district, Ont.
Hair. See Nechigona.
Hair Cutting; lake and river, at headwaters of St. Maurice R., Champlain Co., Que.
Halcro; mountain peak, east shore of Atlin lake, Cassiar district, B.C.
Halcyon; mountain and post office, east of Upper Arrow lake, Kootenay district, B.C. (Not Halcyon Hot Springs post office.)
Haldane; mount, near Mayo brook, Stewart river, Yukon.
Hale; creek, near south end of Taku arm of Tagish lake, Cassiar district, B.C.
Haliburton; lake, Harburn township, Haliburton county Ont,
Hall; brook, harbour, and point, Kings county, N.S. (Not Hall's.)
Hall; creek, tributary to west fork of Kettle river, Yale district, B.C.
Hall; island, southeast of Reid island, southeast coast of Vancouver island, B.C.
Hall Harbour; post office, Kings county, N.S. (Not Hall's Harbour.)
Hall; lake, northwest of Cliff lake, Kenora district, Ont.
Hall; lake and river, W. of Teslin L., Cassiar dist., B.C. and Yukon. (Not North river.)
Hall; mount, west of Upper Arrow lake, Kootenay district, B.C.
Hall; mount, north of Chemainus river, Vancouver island, B.C. (Not Hall's.)
Hall; peninsula, in the southeastern portion of Baffin island, N.W.T.
Hallett; lake, on trail between Cheslatta and Fraser lakes, Coast district, B.C.
Hall's. See Kushog.
Halsey; point, at the entrance to Douglas channel, Coast district, B.C.
Halsted; islet, Shushartie bay, Goletas channel, northerly coast Vancouver I., B.C.
Hambly; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Humbly.)
Hamilton; island, in Ottawa river, Prescott county, Ont. (Not Great nor Large.)
Hamilton; lake, Tp. 35, Rs. 9 and 10, W. 4 M., southeastern Alberta.
Hammond; bay, north of Departure bay, southeast coast of Vancouver I., B.C.
Hammond; point, east of Jenkins point, Manitoulin island, Manitoulin district, Ont.
Hammond. See Nelson.
Hanbury; peak, east of mount Vaux, Rocky mountains, Kootenay district, B.C.
Hancock; hills, east of lake Laberge, Yukon.
Hand; hills, east of Red Deer river, southern Alberta.
Hangeville; post settlement, on Chilcotin river, Lillooet district, B.C.
Hanging Hide See Leather.
Hanna; bank, S. of Dokis I., entrance Key harbour, Parry Sound district, Ont.
Hannah; bay, south end of James bay, Timiskaming district, Ont.
Hannah Bay river. See Harricanaw.
Hannah; lake, east of South bay, lake Nipigon, Thunder Bay district, Ont.

Hannah; point, South bay, Manitoulin district, Ont.

Hansen; lake, east of Kootenay river, north of Steele, Kootenay district, B.C.

Harbour; lake, west of Blind bay, Halifax county, N.S. (Not Black Duck Run.)

Harbour. See Rawson.

Harbour de Lute. See Loutre.

Hardisty; mount, east of Athabaska river, opposite mouth of Whirlpool river, Alta.

Hardwood Plains. See Harwood Plains.

Hare; bank, island, passage, and reefs, St. Lawrence river, Temiscouata county, Que. French usage: Lièvres (île aux), which see.

Harmony; river, emptying into Harmony bay, east end of L. Superior, Algoma district, Ont. (Not Chippewa nor Harmonie.)

Harmony. See Jones.

Harold; mount, on lower part of Stikine river, Cassiar district, B.C.

Harper; mount, in the Ogilvie range, north of Klondike river, Yukon.

Harper Corners; post office, Wentworth county, Ont. (Not Harper's Corners.)

Harricanaw; river, emptying into Hannah bay, Timiskaming district, Ont., and Abitibi district, Que. (Not Hannah Bay river.)

Harrington; post office, Oxford county, Ont. (Not Harrington West.)

Harrington West. See Harrington.

Harris; creek, branch of Ophir creek, Indian river, Yukon.

Harris; lake, southwest of Manitou lake, Kenora district, Ont.

Harris; lake, southwest of Savant lake, Thunder Bay district, Ont.

Harris; point, Lambton county, Ont. (Not Blue.)

Harrison; post office, Stormont county, Ont. (Not Harrison's Corners.)

Harrison Corners. (See Harrison.)

Harry; lake, Lawrence township, Haliburton county, Ont. (Not Harry's.)

Hart; mount, near Sixtymile river, southwesterly from Dawson, Yukon.

Hartz; creek, tributary to Tahltan river, Cassiar district, B.C.

Harvey; island, Brock group, St. Lawrence river, Leeds county, Ont. (Not Gibraltar.)

Harwood Plains; post office, Carleton county, Ont. (Not Hardwood Plains.)

Haskins; creek, tributary to Ottertail river, Rocky mountains, Kootenay district, B.C. (Not Haskin.)

Haslam; creek, tributary to Nanaimo river, Vancouver island, B.C.

Häsler; a peak of mount Dawson, Selkirk mountains, Kootenay district, B.C.

Hastings; county, and town in Northumberland county, Ont.

Hastings; lake, in Tp. 51, R. 20, W. 4th M., Alta.

Hatchau; lake, Hackett river, Cassiar district, B.C. (Not Macha.)

Hatin; lake, near upper part of Koshin river, Cassiar district, B.C.

Hatton; headland, at south end of Resolution island, N.W.T. (Not Cape Best.)

Haven; cape, Clements Land, N.W.T. (Not Siggia.)

Haven; creek, flowing into the Saskatchewan, below Bighorn river, central Alberta.

Hawk; lake, also Hawk Lake railway station, Kenora district, Ont.

Hawkcliff; lake, west of Eagle lake, Kenora district, Ont. (Not Hawk Cliff.)

Hawkesbury; island, north of Princess Royal and Gribbell islands, Coast district, B.C.

Hawkrock. See Keikewabik

Hawtrey; town, Oxford county, Ont. (Not Hawtry.)

Hay; lake, Sabine township, Nipissing district, Ont.

Hay. See Dobbs.

Hay. See Melville.

Hayes; mount, south of Haslam creek Vancouver island, B.C.

Hayes; peak and river, west of Teslin lake, Cassiar district, B.C.

Hayes; river, southeast of Nelson R., Manitoba. (Not Hay's, Hill, Steel, nor Trout.) This name is now applied to the whole river from the source of the Echimamish to Hudson bay.

Haygarth; creek, tributary to Ottertail river, Yoho park, Rocky mountains, B.C.

Hays; cove, southwest of Ritchie point, Kaien island, Coast district, B.C.

Hays; creek, Prince Rupert, Coast district, B.C.

Hays; mount, on Kaien island, east of Prince Rupert harbour, Coast district, B.C. (Not Oldfield.) Previous decision revised.

Hay's. See Hayes.

Hays. See Ritchie.

Haystack; mountain, N.E. of Windigo bay, L. Nipigon, Thunder Bay district, Ont.

Hazel. See Aberdeen.

Hazelton; town, at confluence of Bulkley and Skeena rivers, Cassiar district, B.C.

Head; mount, Highwood range, southern Alta.

Headingley; parish and post village, Man. (Not Headingly.)

Head of Jordan River. See Jordan river.

Head of St. Peter's Bay. See St. Peter.

Healy; lake, south of Kusawa lake, Yukon.

Heart; creek, east of Lower Arrow lake, Kootenay district, B.C.

Heart; lake, east of L. LaBiche, central Alberta.

Heart; mountains, east of Sheslay river, Cassiar district, B.C.

Heathcote; lake, northwest of Barrington lake, Thunder Bay district, Ont.

Hebden; brook ,flowing into Dinorwic lake, Kenora district, Ont. (Not Hebden's.)

Hébécourt; lake, Hébécourt township, Abitibi district, Que.

Hébert; lake, Dufay township, Pontiac county, Que. (Not Fish.)

Hebert. See Bear.

Hecate; channel, connecting Esperanza inlet with Tahsis canal, Vancouver I., B.C.

Hecate; strait, between Queen Charlotte islands and the mainland, Coast district, B.C.

Hecate. See Raymond.

Hecla; island, in lake Winnipeg, Man. (Not Big, Big Black, nor Great Black.)

Hector; island, north shore of Hudson strait, N.W.T. (Not Khartum.)

Hector; lake, west of Manitou lake, Kenora district, Ont. (Not Large Trout.)

Hector; mount, also lake, Alta. (Not Bow lake nor Lower Bow lake.)

Hector; railway station, Kootenay district, B.C.

Height-of-land; lake, northeast of Mattagami lake, Abitibi district, Que.

Heimdal; a spur of the Valhalla mountains, Kootenay district, B.C.

Hela; a peak of the Valhalla mountains, Kootenay district, B.C.

Helen; lake, at headwaters of Bow river, Alta.

Helen; lake, north of Nipigon, Thunder Bay district, Ont.

Helen; point, Douglas channel, near Kitkiata, Coast district, B.C.

Helena. See Kinney.

Helmet; mountain, southeast of mount Goodsir, Rocky Mts., Kootenay district, B.C.

Hemlock. See Mackay.

Hen. See North Fowl.

Henderson; creek, tributary to Yukon river, below Stewart river, Yukon.

Henderson; harbour, south of Crooks inlet, Hudson strait, N.W.T.

Henderson; lake, north of Uchucklesit harbour, Barkley sound, Vancouver island, B.C. (Not Anderson.)

Hendon; river, tributary to Kusawa river, Cassiar district ,B.C. and Yukon.

Hennigar; brook and post village, Hants county, N.S. (Not Weir or Hennigar brook, Joshua Hennigar brook, nor Northfield village.)

Henning; mount, at headwaters of Coquihalla river, Yale district, B.C.

Henrietta; creek, tributary to Last-chance creek, a branch of Hunker creek, Yukon.

Henry Corners; post office, Lambton county, Ont. (Not Henry's Corners.)

Hensley; bay, south shore of Manitoulin island, Manitoulin district, Ont.

Herb. See Wekusko.

Herbert Corners; post office, Carleton county, Ont. (Not Herbert's Corners.)

Hermit; glacier, mountain, and range of mountains, in the Selkirks, B.C.

Heron. See Mirond.

Herschell; island, W. of Cockburn I. and N.E. of Kitchener I., Manitoulin dis., Ont.

Hess; river, tributary to Stewart river, Yukon.

Hester; creek, branch of Hunker creek, Yukon.

Hewson. See Hughson.

Hibben; island, between Inskip and Moore channels, Moresby island, Queen Charlotte group, Coast district, B.C. (Not Kuper.)

Hickey; island, between Collier and Stave islands, Navy group, St. Lawrence river, Leeds county, Ont. (Not Smoke.)

Hidden. See Habel.

High. See Emma.

High. See Highwood.

High Bluff; parish and village, on Assiniboine river, Manitoba.

High Fall; creek, tributary to Koksoak river, Ungava, Que.

Highpound. See Buffalo Pound.

Highstone; lake, north of Stranger lake, Kenora district, Ont.

Highview; post office, south of Broadview, Sask. (Not High View.)

High Water. See Piché.

Highwood; range of mountains, southern Alta.

Highwood; river, tributary to Bow river, Alta. (Not High.)

Hilda; a peak of the Valkyr mountains, Kootenay district, B.C.

Hill; cove, northeast of Prince Rupert, Coast district, B.C.

Hill; island, S.W. of Rockport, St. Lawrence R., Leeds county, Ont. (Not Leroux.)

Hill; island, at entrance to Russell arm, Prince Rupert harbour, Coast district, B.C.

Hill; lake, east of Kakagi lake, Kenora district, Ont.

Hill; lake, on Minago river, Manitoba.

Hill. See Hayes.

Hillfarm; post office, north of Wolseley, Sask. (Not Hill Farm.)

Hillhead; village, Argenteuil county, Que. (Not Hill Head.)

Hinchinbrook; township, Huntingdon county, Que. (Not Hinchinbrooke.)

Hinton; mount, Gustavus group, Yukon.

Hippa; island, W. of Graham I., Queen Charlotte Is., Coast dist., B.C. (Not Nesto.)

Hitchcock; creek, flowing east into Teslin lake, Cassiar district, B.C.

Hobson; island, in Mahone bay, Lunenburg county, N.S. (Not Hobson's Nose.)

Hockstall. See Ecstall.

Hoder; creek, tributary to Little Slocan river, Kootenay district, B.C.

Hodgins, lake, south of L. Seul, Kenora district, Ont.

Hodnett; mount, northwest of the "big bend" of Wheaton river, southern Yukon.

Hoffman; mount, on south branch of Sheep river, southern Alberta.

Hog. See Camelot.

Hog. See McDonald.

Hog. See O'Neil.

Hogarth. See Cumberland

Hogg; creek, tributary to Moyie river, Kootenay district, B.C.

Hoggan; lake, near Dodd narrows, east coast of Vancouver island, B.C.

Holden; lake, east of Nanaimo river, Vancouver island, B.C. (Not Trois Bras.)

Hole. See Wanipigow.

Holland; bank, Ladysmith harbour, east coast of Vancouver island, B.C.

Holland. See Cascumpeque.

Holmes. See Home.

Holway; mount, southwest of Sorcerer mountain, Selkirk Mts., Kootenay dist., B.C.

Homalko. See Homathko.

Homan; river, discharging into Bennett lake, Cassiar district, B.C.

Homathko; river, flowing into Bute inlet, Coast district, B.C. (Not Homalko.)

Home; bay, in N. end of Princess Royal I., Coast district, B.C. (Not Holme's.)

Home; island, Coronation gulf, N.W.T. (Not Sir E. Home's.)

Hoodoo; valley, near Leanchoil, Kootenay district, B.C.

Hooker; pass, at the head of St. Mary river, Kootenay district, B.C.

Hoole; canyon and river, upper part of Pelly river, Yukon.

Hooper; island, off the southeast side of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Hooper's.)

Hoople; creek, flowing into the St. Lawrence, at Dickinson Landing, Stormont county, Ont. (Not Hoople's, Hoopole, nor Hoopple.)

Hootalinqua. See Teslin.

Hopes Advance; bay, west coast of Ungava bay, Que.

Hopes Advance; cape, south shore of Hudson strait, Ungava, Que. (Not Cape of Hopes Advance nor Prince Henry Foreland.)

Hopewell Corner. See Albert.

Hopkins; bay and point, east of Baptist island, Bruce county, Ont.

Hopkins; lake, southeast of Aishihik lake, Yukon.

Hopkins; point, Devastation channel, Coast district, B.C.

Horn; cape, on the east side of Upper Arrow lake, Kootenay district, B.C.

Horn. See Beatrice.

Horse; creek, tributary to Bow river, Alta.

Horse; point, in eastern part of Ameliasburg township, Prince Edward county, Ont.

Horsehead; creek, flowing northerly to Makwa R., central Sask. (Not Horse Head.)

Horseshoe; bay, west side of Great Duck island, Manitoulin district, Ont.

Horseshoe; glacier, south of mount Lefroy, Alta.

Horseshoe; island, west of Wolf island, Frontenac county, Ont. (Not Horse Shoe.)

Horse Shoe. See Chemainus.

Horsfall; island, between Campbell and Dufferin islands, Coast district, B.C.

Horswell; bluff and channel, S.E. coast of Vancouver I., B.C. (Not Inner channel.)

Horton; creek, tributary to Pelly river, between Hoole and Ketza rivers, Yukon.

Horton; point, north of Kincardine, Bruce county, Ont.

Hosier; river, flowing into St. Margaret bay, Halifax county, N.S. (Not Osier.)

Hospital; creek, flowing into Columbia river, below Golden, Kootenay district, B.C.

Hotailuh; mountains, between Stikine and Tanzilla rivers, Cassiar district, B.C.

Houghton; lake, southwest of Kashaweogama lake, Thunder Bay district, Ont.

Houghton; lake, in Tps. 39 and 40, R. 22, W. 2 M., Sask. (Not Dirtywater.)

Houghton. See Muskiki.

Hourglass; lake, west of Hodgins lake, Kenora district, Ont.

House; mountain, between Driftpile and Inverness rivers, S. of Lesser Slave L., Alta.

House. See Howse.

Housten. See Hughson.

Houston. See Houstoun.

Houstoun; passage, betweeen Admiral, Kuper and Narrow islands, strait of Georgia, New Westminster district, B.C. (Not Houston.)

Howe; island, St. Lawrence river, Frontenac county, Ont.

Howe. See Fuller.

Howse; pass, Rocky mountains, Alta. and Kootenay district, B.C. (Not House.)

Howse; peak, east of Howse pass, Rocky mountains, Alta.

Hozameen; range of mountains, east of Skagit river, near international boundary, Yale district, B.C. (Not Hozamen, Hozomen nor Hozomeen.)

Hubbards; village, Halifax Co., N.S. (Not Hubbards Cove.) Previous decision revised.

Huber; mount, near mount Victoria, Rocky mountains, Kootenay district, B.C.

Hubert; railway station, north shore of Skeena river, Coast district, B.C.

Hubley; cove, St. Margaret bay, also lake and Ry. sta., Halifax Co., N.S. (Not Hubly.)

Hubly. See Hubley.

Huckleberry. See Mile.

Huckstall. See Ecstall.

Hudson; bay, Ontario, Quebec, Manitoba, and N.W.T. (Not Hudson's.)

Hudson Bay; mountains, west of Bulkley river, and south of Moricetown, Coast district, B.C.

Hudson; island, south of Thetis island, Stuart channel, S.E. coast of Vancouver I., B.C.

Hudson; strait, between Baffin island, N.W.T. and Quebec.

Huff; island, in Muscote bay, bay of Quinte, Prince Edward Co., Ont. (Not Huff's.)

Hugh; mount, east of lake Evans, Abitibi district, Que.

Hughes; brook, Barrit bay, Eagle L., Kenora district, Ont. (Not Hughes creek.)

Hughes; range of mountains, east of Kootenay river, Kootenay district, B.C.

Hughson; bay, east of Providence bay, Manitoulin island, Manitoulin district, Ont. (Not Hewson, Housten, nor Husten.)

Humber; bay, railway station, river, and village, also Humber Bay post office and summer resort, York county, Ont. (Not Clairville village.)

Humbly. See Hambly.

Humboldt; bay, east shore of lake Nipigon, Thunder Bay district, Ont.

Humboldt; electoral district, post office, and railway station, Sask. (Not Humbolt.)

Hungabee; glacier and mountain, Bow range, Alta. and Kootenay district, B.C.

Hungerford; point, on the southern portion of Manitoulin island, Ont.

Hungry; bay, northeast side of Big bay, bay of Quinte, Ont.

Hungry; peak, at head of St. Mary river, Kootenay district, B.C.

Hunker; creek, tributary to Klondike river, Yukon.

Huns Valley; village, Macdonald electoral district, Man. (Not Hun's Valley.)

Hunter; island, near Int. bdy., Rainy R. district, Ont. (Not Hunter's nor Hunters.)

Hunter; mount, north of Palliser station, Kootenay district, B.C.

Hunters; range of mountains, south of Eagle river, Yale district, B.C.

Huntress; reef, southwest of Johnston point, Bruce county, Ont.

Hurd; cape, west extreme of Bruce Co., Ont. Cape Hurd channel is west of the cape.

Hurd; mount, also pass, in the Ottertail range of the Rockies, Kootenay district, B.C.

Hurdman; post office, Carleton county, Ont. (Not Hurdman's Bridge.)

Hurdman's Bridge. See Hurdman.

Huron; river, flowing into Chambly basin, Richelieu river, Rouville county, Que. (Not Marieville creek.) Authorized French form: rivières des Hurons.

Hurricane; river, tributary to Nakina river, Cassiar district, B.C.

Husten. See Hughson.

Hutchinson; post office, Middlesex county, Ont. (Not Hutchison.)

Hutchison; creek, flowing from Bowden lake to Wabigoon river, Kenora district, Ont.

Hutchison; creek, flowing into east side of Lower Arrow lake, Kootenay district, B.C.

Hutchison. See Hutchinson.

Hutshi; lakes, west of lake Laberge, Yukon.

Hutshiku; bluff, on Lewes river, below Rink rapid, Yukon.

Hutsigola; lake, south of Teslin lake, Cassiar district, B.C. (Not Hutsigula.)

Huxstall. See Ecstall

Hyland; hill, east of Hutsigola lake, Cassiar district, B.C.

Hyndman; bay, at S.W. end of Cockburn I., Manitoulin district, Ont. (Not Sand.)

I

Icarus; point, Nanoose harbour, east coast of Vancouver island, B.C.

Ice; portage, on the lower part of Nottaway river, below Kitchigama river, Que.

Ice; river, tributary to Beaverfoot river, Kootenay district, B.C.

Ice-cap; mountain, near lower Stikine river, Cassiar district, B.C. (Not Ice-capped.)

Icelandic; river, emptying into lake Winnipeg, Man. (Not Icelanders.)

Ichimanicuagon. See Ishimanikuagan.

Iconoclast; mountain, Selkirk range; Kootenay district, B.C.

Icy; cove, east of North bay, Hudson strait, N.W.T.

Ida; mount, south of Salmon arm of Shuswap lake, Yale district, B.C.

Ikeda; bay, southeast of Skincuttle inlet entrance, southeast coast of Moresby island, Queen Charlotte group, Coast district, B.C.

Ile aux Morts. See Lark.

Ile-aux-Noix; post office, St. John county, Que. (Not Isle aux Noix.)

Ile-Perrot; post office, Vaudreuil county, Que. (Not Isle Perrot.)

Isles aux Pêches. See Peach island.

Isle de Bois. See Morris.

Illecillewaet; glacier, mining division, river, and town, Kootenay district, B.C. (Not Illicilliwaet, Illecilliwaet, nor Illicillewaet.)

Illes; brook, emptying into Frances lake, Yukon. (Not Il-es-too-a.)

Impérieuse; rock, Nanoose harbour, east coast of Vancouver island, B.C.

Incomappleux; river, flowing into Upper Arrow L., Kootenay dist., B.C. (Not Fish.)

Independence; creek, tributary to Stewart river, Yukon.

Indian; brook, flowing into St. Ann bay, Victoria county, N.S.

Indian; harbour, point, and reef, south of Fitzwilliam island, Manitoulin district, Ont.

Indian; island, northeast of Murray canal entrance to the bay of Quinte, Prince Edward county, Ont.

Indian; river, tributary to Yukon river, south of Klondike river, Yukon.

Indian. See Dares.

Indian. See Longspell.

Indian. See Pleasant.

Indian. See Southern Indian.

Indian Pear Island lake. See Saskeram.

Ingall; island, S. of Whitney Pt., St. Lawrence R., Leeds Co., Ont. (Not Shoemaker.)

Ingall; lake, southwest of Wabigoon lake, Kenora district, B.C.

Inganish. See Ingonish.

Ingersoll; mount, west of Columbia river, Kootenay district, B.C.

Inglismaldie; mount, south of Minnewanka lake, Rocky mountains, Alta.

Ingonish; bay, river, and town, Victoria county, N.S. (Not Inganish nor Niganishe.)

Ingraham. See Louis.

Ingram; mount, north of Kusawa lake, Yukon.

Inhabitants; river, Richmond county, N.S. (Not Habitants.)

Inklin; river, tributary to Taku river, Cassiar district, B.C.

Inkster; rock, at South Baymouth, Manitoulin island, Manitoulin district, Ont.

Inlin; brook, tributary to lower Gravel river, N.W.T.

Innarulligang. See East Bluff.

Inner. See Horswell.

Inner Duck; island, northeastern island of Duck I. group, Manitoulin district, Ont.

Inonoaklin; creek, west of Lower Arrow L., Kootenay district, B.C. (Not Sanderson.)

Insulated. See Isolated.

Inukshiligaluk; point, south coast Ungava bay, Que. (Not Big Rock.)

Inukshuktuyuk; point, south coast Ungava bay, Que. (Not Beacon.)

Inverhuron; bay and village, Bruce county, Ont.

Inverness; passage, between Porpoise harbour and Skeena R., B.C. (Not N. Skeena.)

Inverness; river, tributary to Swan river, south of Lesser Slave lake, central Alberta.

Iosegun; lake and river, tributary to Little Smoky river, Alta. (Not Attim Segoun nor Io-se-gun.)

Ipperwash. See Kettle.

Ireland; township, Megantic county, Quebec.

Irishman; creek, tributary to Moyie river, Kootenay district, B.C.

Iron; creek, tributary to Battle river, eastern Alberta.

Iron; lake, west of Crooked lake, international boundary, Rainy river district, Ont.

Iroquois; lake, Tp. 48, Rs. 7 and 8, W. 3 M., Sask.

Irving; bay, Crooks inlet, Hudson strait, N.W.T.

Isaac Harbour; town, Guysborough county, N.S. (Not Isaac's Harbour.)

Isabella; lake, northeast of Peyto lake, Alta.

Isabemagussi. See Magusi.

Iserhoff; river, emptying into Waswanipi lake, Abitibi district, Que.

Ishimanikuagan; lake, Saguenay Co. ,Q. (Not Ichimanicuagan nor Ishimanicougan.)

Iskwatikan; lake, north of lake LaRonge, central Saskatchewan.

Island; lake, northeast of L. Winnipeg, and draining into Hayes river, Manitoba.

Island. See Ashby.

Island. See Mattawagosik.

Island. See Trade.

Island lake. See Isle lake.

Island Portage (lake). See Pine.

Islands; lake of, southeast of Abitibi lake, Pontiac county, Que.

Isle; lake, west of St. Ann, Alta. (Not Island lake.)

Isle of coves. See Cove.

Islet; point, southwesterly extremity of Sonora island, Coast district, B.C.

Isnor. See Eisner.

Isolated; peak, at head of Yoho valley, Rocky mountains, Kootenay district, B.C. (Not Insulated nor Lonely.)

Ithenotosquan. See Elbow.

Itsi; lakes, on Ross river, also mountains between Macmillan and Ross rivers, Yukon.

Ittimenotok; cape, east shore of Ungava bay, Que.

Ivan; point, Manitoulin island, east of Burnt island, Manitoulin district, Ont.

J

Jack; lake, Burleigh township, Peterborough county, Ont. (Not Jack's.)

Jack; point, S. entrance to Nanaimo, Vancouver I., B.C. (Not Jack's nor Sharp.)

Jackhead; island, lake, and river, north of Fisher bay, lake Winnipeg, Man. (Not Jack-Head.)

Jackman. See Pritzler.

Jackson; creek, tributary to Souris river, southern Manitoba and Saskatchewan.

Jackson; mount, south of Tulameen, Yale district, B.C.

Jackson. See Robertson.

Jackstraw; island, west of Gordon island, St. Lawrence river, Leeds county, Ont.

Jackstraw; lighthouse and shoal, St. Lawrence river, west of Gananoque, Leeds county, Ont. (Not Jack Straw.)

Jacob; creek, tributary to Bow river, Alta.

Jacob; island, at entrance to Rupert bay, James bay, Ungava, Que. (Not Wood.)

Jacob; lake, Caire township, Pontiac county, Que. (Not Fish.)

Jacques Cartier; lake and river, Montmorency county, Que. (Not Grand Lake Jacques Cartier.)

James; cape, north shore of Hudson strait, N.W.T.

James; island and reef, between Fitzwilliam and Yeo islands, Georgian bay, Manitoulin district, Ont.

James; river, tributary to Red Deer river, southern Alberta.

James Ross. See Ross.

Jamieson; lake, Dungannon township, Hastings county, Ont. (Not Jamieson's).

Jamieson's. See Egan.

Janet; lake, between Stewart river and Mayo brook, Yukon.

Jansen; lake and post office, west of the Quill lakes, southern Saskatchewan.

Janvrin; island, and Janvrin Harbour P.O., Richmond Co., N.S. (Not Jauvrin's.)

Jareux. See Jureux.

Jarvis; bay, island, point, river, and rock, Thunder Bay dist., Ont. (Not Turtle Pt.)

Jarvis; lake, between Athabaska and Baptiste rivers, Alta. (Not Upper White Fish.)

Jauvrin's. See Janvrin.

Jay. lake, Pettypiece township, Kenora district, Ont.

Jean; lake, southeast of L. Nipigon, Thunder Bay district, Ont.

Jean de Terre. See Gens-de-Terre.

Jeannette; creek, post office, and railway station, Kent county, Ont. (Not Jeannette's creek nor Jeannette's Creek P.O.)

Jean-Noël; river, flowing into the St. Lawrence, at St. Irénée, Charlevoix Co., Q.

Jean-Pierre; bay and point, southwest of Sturgeon bay, north shore of L. Superior, Thunder Bay district, Ont.

Jeffrey; mount, west of Saanich inlet, Vancouver island, B.C.

Jenkins; point, east of Providence bay, Manitoulin island, Manitoulin district, Ont.

Jennie Graham; the most southerly shoal off Great Duck I., Manitoulin district, Ont.

Jennings; river, emptying into Teslin lake, Cassiar district, B.C. (Not Fifteenmile.)

Jensen; creek, tributary to Dominion creek, Indian river, Yukon.

Jesse; island, entrance to Departure bay, southeast coast of Vancouver island, B.C.

Jessie; lake, Purdom township, Thunder Bay district, Ont.

Jesup Land. See Ellesmere.

Jim; creek, tributary to Yukon river, below Indian river, Yukon.

Joan; point, near Dodd narrows, east coast of Vancouver island, B.C.

Joassa; channel, between Dufferin and Horsfall islands, Coast district, B.C.

Jocelyn; hill, east side of Finlayson arm, Vancouver island, B.C.

Jockvale; post office, Carleton county, Ont. (Not Jock Vale.)

Joel; river, tributary to Klondike river, Yukon.

Joggins; village, Cumberland county, N.S. (Not Joggin Mines, South Joggins, nor South Joggings.)

John; lake, northeast of Silver lake, Kenora district, Ont.

John; lake, below Itsi lakes, Ross river, Yukon.

John; river, also River John post office, Pictou county, N.S.

Johnny. See Johnson.

Johnson; bay, north shore of Howe island, Frontenac Co., Ont. (Not Johnston.)

Johnson; lake, Havelock township, Haliburton county, Ont. (Not Johnson's.)

Johnson; lake and railway station, southeast of Latchford, Timiskaming district, Ont. (Not Johnny lake nor Johnston station.)

Johnson; range of mountains, between Atlin L. and O'Donnel R., Cassiar district, B.C.

Johnston; creek, tributary to McQuesten river, Yukon.

Johnston; creek, west of Lower Arrow lake, Kootenay district, B.C.

Johnston; harbour and point, southeast of Porcupine point, Bruce county, Ont.

Johnston Corners; post office, Carleton county, Ont. (Not Johnston's Corners nor Johnstone's Corners.)

Johnston; lake, southern Saskatchewan.

Jojo; lake, north of lake Nipigon, Thunder Bay district, Ont.

Jolicœur; village, Westmorland county, N.B. (Not Jolicure.)

Joli Head; headland, Queens county, N.S. (Not Jolie Head.)

Jonas; creek, flowing northwesterly into Sunwapta river, also pass at the head of the creek, Alta.

Jones; creek, flowing to Batchawana bay, L. Superior, Ont. (Not Harmony river.)

Jones; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Jones; shoal, S. of Labrador reef and S.W. from Belanger point, Manitoulin dist., Ont.

Jordan Harbour; post office, Lincoln county, Ont. (Not Jordan Harbor.)

Jordan; lake and river, Hastings county, Ont.

Jordan; river, flowing into Frobisher bay, N.W.T.

Jordan; river, tributary to Columbia river, near Revelstoke, Kootenay district, B.C.

Jordan; river, flowing into Juan de Fuca strait, Vancouver island, B.C.

Jordan River; village, Shelburne county, N.S. (Not Head of Jordan River.)

Jorkins; point, southeast entrance to Finlayson channel, B.C. (Not Dawkins.)

Joseph; creek, tributary to St. Mary river, Kootenay district, B.C.

Joshua Hennigar. See Hennigar.

Joss; mountain, northeast of Mabel lake, Yale district, B.C.

Joubert; island, south of Cascade point, Soulanges county, Que. (Not Round.)

Joy; bay, south shore of Hudson strait, Ungava, Que.

Joy; mountain, between Hess and Lansing rivers, Yukon.

Jubilee; island, north shore of Hudson strait, N.W.T.

Jubilee; mountain, near north end of Atlin lake, Yukon.

Julian; point, east of Chorbak inlet, north shore of Hudson strait, N.W.T.

Julien; islet, on Kamouraska mud flats, Kamouraska county, Que.

Jumping; lake, east of the Birch hills, central Saskatchewan.

Jumping Deer; creek, tributary to Qu'Appelle river, Sask. (Not Jumpingdeer.)

Jumpingpound; creek, tributary to Bow river, Alta. (Not Jumping Pond.)

Junction; mountain, on south branch of Sheep river, southern Alberta.

Junnusuksoak; inlet, east shore of Ungava bay, Que.

Juno; point, south of Pine Tree harbour, Bruce county, Ont.

Jupiter; river, south side of Anticosti I., Saguenay county, Que. (Not Observation.)

Jupiter. See Shallop.

Jureux; point, also river flowing into the St. Lawrence below Goose cape, Charlevoix county, Que. (Not Jareux.)

K

Kabagukski; lake, south of Sasakwei lake, Kenora district, Ont. (Not Mud.)

Kabakwa; lake, Stanhope township, Haliburton Co., Ont. (Not Kah-bah-bah-quah.)

Kabania; lake, west of Attawapiskat lake, Patricia district, Ont.

Kabikwabik; lake, south of Minnitaki lake, Kenora district, Ont. (Not Kapikwabikok.)

Kabistachuan; bay, in southern portion Mistassini L., Q. (Not Cabistachuan.)

Kabitotikwia; lake and river, draining into Kaiashk bay, L. Nipigon, Thunder Bay district, Ont. (Not Kabitotiquia.)

Kabitotiquia. See Kabitotikwia.

Kabitustigweiak. See Butler.

Kabona; lake, south of Matchimanito lake, Abitibi district, Ont.

Kagianagami; lake, north of Ogoki river, Thunder Bay district, Ont.

Kag-ish-a-bog-a-mog. See Kasshabog.

Kagiwiosa. lake, east of Dinorwic lake, Kenora district, Ont.

Kaha; creek, tributary to Koshin river, Cassiar district, B.C. (Not Kahak.)

Kah-bah-bah-quah. See Kabakwa.

Kah-mini-ti-gwa-quiack. See Bluffy.

Kah-shah-gah-wig-e-mog. See Kashagawi.

Kahtate; river, tributary to lower part of Stikine river, Cassiar district, B.C.

Kahuch. See Katonche.

Kah-wah-she-be-mah-gog. See Kushog.

Kahwambejewagamog. See Kawagama.

Kaiashk; bay and river, W. shore of L. Nipigon, Thunder Bay dist., Ont. (Not Gull.)

Kaiashkomin; lake, north of Wabigoon lake, Kenora district, Ont. (Not Bad Rice.)

Kaien; island, Prince Rupert harbour, Coast district, B.C. (Not Kai-en.)

Kaiete; point, at east entrance to Lama passage, Coast district, B.C. (Not Calete, Ki-ette, nor Kyeet.)

Kaijick Manitou. See Baptiste.

Kaikaquabick. See Reception.

Kains. See Cain.

Ka-its-siks. See Kasiks.

Kajakanikamak. See Dufresnoy.

Kajoualwang. See Najwalwank.

Kakabonga; lake and river, east of Grand lake Victoria, Pontiac county, Que. (Not Kakebonka.)

Kakagi; lake, E. of Sabaskong bay, L. of the Woods, Kenora dist., Ont. (Not Crow.)

Kakameonan. See Bellefeuille.

Kakashe; river, tributary to Kapitachuan river, Montcalm county, Que.

Kakebonka. See Kakabonga.

Kaketsa; mountain, south of Egnell, Cassiar district, B.C. (Not Koketsa.)

Kakinagimak; lake, south of Churchill river and east of Pelican narrows, Sask. (Not Kakinokumak.)

Kakinnozhans; lake, near Manitou lake, Kenora district, Ont.

Kakinokamak. See Lemoine.

Kakinokumak. See Kakinagimak.

Kakinookama. See Margaret.

Ka-koot. See Kakut.

Kakuchuya; river, tributary to Dudidontu river, Cassiar district, B.C.

Kakut; lake and river, in the Birch hills, south of Dunvegan, Alta. (Not Ka-koot.)

Ka-lik-took-duag. See Crooks.

Kalzas; lake, between Macmillan and Stewart rivers, Yukon.

Kama; bay and Ry. station, Nipigon bay, Thunder Bay dist., Ont. (Not Mazokama.)

Kamachigama; lake, and river tributary to the Upper Ottawa, Montcalm county, Que.

Kamanatogama; lake, southeast of Boyer lake, Kenora district, Ont.

Kamaniskeg; lake, Bangor township, Hastings county, Ont.

Kamatsi; lake, on Churchill river, east of Reindeer river, central Saskatchewan.

Kaministikwia; river and railway station, Thunder Bay district, Ont. (Not Kaministiquia.)

Kaminnassin; lake, south of Dinorwic lake, Kenora district, Ont.

Kaminnaweiskagwok. See Minnaweiskag.

Kaminni; lake, N.W. of Manitou lake, Kenora district, Ont. (Not Kaminneseipekok.)

Kamitsgamak; lake, on Ribbon river, upper St. Maurice river, Champlain county, Que.

Kamongus; lake, near Manitou lake, Kenora district, Ont. (Not Canoe.)

Kamoukakwiti. See Piché.

Kamouraska; bay, county, group of islands, river, and village, Que.

Kampigukakatoka; river, tributary to Migiskan river, Abitibi district, Que.

Kamshigama; lake and river, north of Shabogama lake, Abitibi district, Que.

Kananaskis; lakes and river, tributary to Bow river, post office, railway station, and range of mountains, Alta., also pass, Alta and B.C.

Kanasuta; river, flowing from Dasserat lake to Duparquet lake, Abitibi district, Que.

Kangerflung. See Newell.

Kangerthialuksoak. See George..

Kaniapiskau; river, tributary to Koksoak river, Ungava, Que. (Not Wauguash.)

Kaniapiskau. See Keniapiskau.

Kanikawinika; lake, upper Ottawa river, east of Grand lake Victoria, Pontiac county, Que. (Not Kaniquonika nor Kanequaneka.)

Kanimitti; river, flowing into Shoshokwan river a tributary of the upper Ottawa, Pontiac county, Que. (Not Kanimittikoshkwa.)

Kanish; bay, S. of Granite point, Quadra island, Coast district, B.C. (Not Cahnish.)

Kanotaikau; lake, at headwaters of Rupert river, Mistassini district, Que.

Kanuchuan; river, tributary to upper Attawapiskat river, Patricia district, Ont.

Kanus; river, trib. to St. Croix R., Charlotte Co., N.B. (Not Canous nor Canouse.)

Kanusio; lake, and river tributary to Kekek river, Abitibi district, Que.

Kaopskikamak; lake and river, southeast of Manitou lake, Kenora district, Ont.

Kaoskauta; lake, N.W. of Manitou L., Kenora district, Ont. (Not Kaoskowtakok.)

Kapemitchigama; lake, at the sources of Ottawa river, Joliette county, Que. (Not Kapemechigama.)

Kapesakosi; lake, west of Manitou lake, Kenora district. (Not Kapesakosikok.)

Kapikik; lake, S. of Cat L., Patricia, Ont. (Not Pine channel nor Wapikik lake.)

Kapikitegoitch; lake, headwaters of Ashuapmuchuan river, Chicoutimi county, Que.

Kapikwabikok. See Kabikwabik.

Kapiskau; river, N. of Albany R., Patricia, Ont. (Not Ka-pis-cow nor Kaypiscow.)

Kapitachuan; lake, and river tributary to the upper Ottawa river, Berthier, Joliette. Maskinonge, Montcalm and Pontiac counties, Que. (Not Kapitashewinna nor Kapitajewin.)

Kapitagama; lake, southeast of Abitibi lake, Pontiac county, Que.

Kapitajewan. See Kapitachuan.

Kapitashewinna. See Kapitachuan.

Kapitswe; lake, at headwaters of St. Maurice river, Champlain county, Que.

Kapkichi; lake, north of L. St. Joseph, Patricia district, Ont.

Kaposvar; creek, tributary to Qu'Appelle river, Sask. (Not Little Cutarm.)

Karmutsen. See Nimpkish.

Kasagiminnis; lake, north of L. St. Joseph, Patricia district, Ont.

Kasakacheweiwak. See Uphill.

Kashagawi; lake, Stanhope Tp., Haliburton Co., Ont. (Not Kah-shah-gah-wig-e-mog.)

Kashagawigamog; lake, Dysart and Minden townships, Haliburton county, Ont.

Kashaweogama; lake, southwest of Savant lake, Thunder Bay district, Ont.

Kasiks; railway sta., also river tributary to Skeena R., B.C. (Not Ka-its-siks.)

Kaskawulsh; river, tributary to Alsek river, southwestern Yukon (Not O'Connor.)

Kasshabog; lake, Methuen Tp., Peterborough Co., Ont. (Not Kag-ish-a-bog-a-mog.)

Kate; point, at upper end of Lower Arrow lake, Kootenay district, B.C.

Kates Needle; mountain, near Stikine R., opp. Porcupine creek, Cassiar district, B.C.

Kathawachaga; lake, south of Coronation gulf, N.W.T. (Not Cathawhachaga.)

Katherine; lake ,on Lady Evelyn river, below Grays river, Sudbury district, Ont.

Katharine; lake, at headwaters of Bow river, Rocky mountains, Alta.

Kathlyn; lake, at east base of Hudson bay mountains, south of Moricetown, Coast district, B.C. (Not Chickens.)

Katina; creek, tributary to Silver Salmon river, Cassiar district, B.C.

Katonche; lake, upper Ottawa river, east of Grand lake Victoria, Pontiac county, Que. (Not Kahuch.)

Katrina; creek, tributary to White river, Yukon.

Kattaktok; cape, east shore Ungava bay, Que.

Katutok. See Charles.

Kauffman. See Kiwetinok.

Kawagama; lake, Sherborne Tp., Haliburton Co., Ont. (Not Kahwambejewagamog.)

Kawakashkagama. See Kawashkagama.

Kawasachuan; lake and river, near Grand L. Victoria, Pontiac county, Que. (Not Kawasajewan nor Kawassajewan.)

Kawasgisguegat. See Kawaskisigat.

Kawashegamuk; lake, southeast of Dinorwic lake, Kenora district, Ont. (Not Long.)

Kawasheibemagagamak. See Washeibemaga.

Kawashkagama; lake and river, north of Long lake, Thunder Bay district, Ont. (Not Kawakashkagama.)

Kawaskisigat; lake, headwaters of Lièvre river, St. Maurice county, Que. (Not Kawasgisguegat.)

Kawastaguta. bay, at the northerly end of Grand lake Victoria, Pontiac county, Que.

Kawaweogama; lake, northeast of Seseganaga lake, Thunder Bay district, Ont.

Kawawia; lake, southeast of Manitou lake, Kenora district, Ont. (Not Oval.)

Kawawiagamak. See Wawiag.

Kay-gat. See Keigat.

Kaypiscow. See Kapiskau.

Kazabazua; river and village, Aylwin township, Ottawa county. Que. (Not Kazubazua nor Kazuabazua.)

Kedgwick; river, Restigouche Co., N.B. (Not Kedgewick nor Quatawamkedgewick.)

Keec. See Kiekkiek.

Kee-ec-kee-ec. See Kiekkiek.

Keefer; island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Keejimacoogie. See Kejimkujik.

Keele; peak, Mackenzie Yukon watershed, N.W.T.

Keepewa. See Kipawa.

Kee-she-kas. See Kishikas.

Keg; lake, on Churchill river, northeast of L. LaRonge, Saskatchewan. (Not Barrel.)

Keglo; bay, east shore Ungava bay, Que.

Keigat; lake, southwest of Cat lake, Patricia district, Ont. (Not Kay-gat.)

Keikewabik; lake, south of Minnitaki lake, Kenora district, Ont. (Not Hawkrock.)

Kejimkujik; lake, Annapolis and Queens counties, N.S. (Not Cegemecega, Keja-makuja, Keejimacoogie, Kerjimacougie, nor Segum Sega.)

Kekek; river, tributary to Migiskan river, Abitibi district, Que.

Kekeko; lake, southeast of Abitibi lake, Pontiac county, Que.

Kekekwa; lake, near Eagle lake, Kenora district, Ont.

Kekeo; river, tributary to Manuan R., upper St. Maurice R., Champlain county, Que.

Kekkekwabi; lake, Stanhope Tp., Haliburton Co., Ont. (Not Cay-ka-quah-be-kung.)

Kelsall; lake, discharging into Chilkat river, Cassiar district, B.C.

Kelvin; island, lake Nipigon, Thunder Bay district, Ont. (Not Grand.)

Kelvin; lake, an expansion of Nottaway river, Abitibi district, Que.

Kelvingrove; post office, Huntingdon Co., Que. (Not Calvin Grove nor Kelvin Grove.)

Kematch; river, tributary to Woody river, western Manitoba.

Kempenfelt; bay, in lake Simcoe, Simcoe county, Ont. (Not Kempenfeldt.)

Kempt; lake, St. Maurice county Que. (Not Wabaskoutyunk.)

Kemptown; village, Colchester county, N.S. (Not Kempt Town.)

Kemptville; creek, tributary to Rideau R., Grenville Co., Ont. (Not South Rideau R.)

Kenemich; river, flowing to L. Melville, Ashuanipi district, Que. (Not Kenemichic.)

Keniapiskau; lake, north of Opatawaga L., Abitibi district, Que. (Not Kaniapiskau.)

Kenilworth; lake, in Tp. 50, R. 4, W. 4th M., Alta.

Kennabutch; lake, east of Dinorwic lake, Kenora district, Ont. (Not Kennabuch.)

Ken-ne-big. See Kennibik.

Ken-ne-ses. See Kennisis.

Kennewapekko; lake, south of Boyer lake, Kenora district, Ont.

Kennibik; lake, Dudley township, Haliburton county, Ont. (Not Ken-ne-big.)

Kennicott; lake, at head of Hackett river, Cassiar district, B.C.

Kennisis; lake, Havelock township, Haliburton county, Ont. (Not Ken-ne-ses.)

Kenny; lake, west of lake Tempest, Thunder Bay district, Ont.

Kenogami; river, tributary to Albany river, Algoma and Thunder Bay districts, Ont.

Kenogamissee. See Larch.

Kenora; district and town, western Ontario. (Not Rat Portage town.)

Kenora; lake, Redditt township, Kenora district, Ont.

Kenozhe; lake, south of Machawaian lake, Patricia district, Ont.

Kenozhe; lake, north of Dinorwic lake, Kenora district, Ont. (Not Kinoje.)

Kerkeslin; mountain, south of Mt. Hardisty, east side of Athabaska river, Alta.

Kernertut; cape, southeast shore Ungava bay, Que.

Kerr; mount, President range, Rocky mountains, Kootenay district, B.C.

Kerr; rocks off the western coast of Digby island, Coast district, B.C.

Kersey; point, at northerly end of Maitland I., Douglas channel, Coast district, B.C.

Kerwood; post village and railway station, Middlesex county, Ont. (Not Kerrwood.)

Keshkabuon; island, Thunder Bay district, Ont. (Not Caribou.)

Kestrel; rock, at entrance to Prince Rupert harbour, Coast district, B.C.

Ketch; harbour and head, also Ketch Harbour post settlement, southwest of entrance to Halifax harbour, Halifax county, N.S. (Not Catch harbour and head, nor White or Catch Harbour head.)

Ketchacum. See Catchacoma.

Ketchum; lake, northeast of Egnell, Cassiar district, B.C.

Kettle; point, and reef N. from the point, Lambton county, Ont. (Not Ipperwash.)

Kettle; range of mountains and river, in southeastern portion of Yale district, B.C.

Kettle. See Chaudière.

Ketza; river, tributary to Pelly river, above Ross river, Yukon. (Not Kitza.)

Kewagama; lake, southeast of Abitibi lake, Pontiac county, Que.

Kewagodoongojion. See La Pause.

Key; harbour and railway terminus, Georgian bay, Parry Sound district, Ont.

Keys; lake, north of Favel lake, Kenora district, Ont.

Khartum. See Hector.

Kiask; river, south of Kamshigama river, Abitibi district, Que.

Kickendatch. See Kikendatch

Kicking Horse; pass, and river tributary to Columbia river, Kootenay district, B.C. (Not Wapta river.)

Kid; creek, tributary to Goat river, Kootenay district, B.C.

Kiekkiek; lake, Bosquet township, Pontiac Co., Que. (Not Keec nor Kee-ec-Kee-ec.)
Kieley. See Coyle.
Ki-ette. See Kaiete.
Kiemawisk; lake, southwest of Shabogama lake, Abitibi district, Que.
Kienawisik. See De Montigny.
Kikendatch; Indian village, upper St. Maurice river, Champlain county, Que. (Not Kirkendatch nor Kickendatch.)
Kildala; arm, near Kitimat arm, Coast district, B.C.
Killarney; village, on west side of Lower Arrow lake, Kootenay district, B.C.
Killsquaw; lake, northwest of Tramping lake, Sask.
Kilpatrick; mount, Purity range, Selkirk mountains, Kootenay district, B.C.
Kilvert; lake, south of Hawk lake, Kenora district, Ont.
Kimball; lake, Livingstone township, Haliburton county, Ont. (Not Kimball's.)
Kimmewin; lake, southwest of Schist lake, Kenora district, Ont.
Kinahan; islands, S. of Digby I., Chatham sound, Coast dist., B.C. (Not Kinnahan.)
Kinbasket; lake, an expansion of Columbia river, below Bush river, Kootenay district, B.C.
Kincardine; town, Bruce county, Ont.
King; mount, northwest of Ottertail station, Kootenay district, B.C.
Kingcome; inlet and mts., W. of Knight inlet, Coast district, B.C. (Not Kingcombe.)
Kingcome; point ,at N. end of Princess Royal I., Coast dist., B.C. (Not Kingcombe.)
King Christian. See Findlay.
King George; sound, south shore of Hudson strait, Ungava, Que.
Kingham; river, Argenteuil county, Que. (Not Kingsey.)
Kinglake. post office, Norfolk county, Ont. (Not King Lake.)
King Oscar Land. See Ellesmere.
Kingscote; lake, Bruton township, Haliburton county, Ont.
Kingscourt; post office and railway junction, Lambton Co., Ont. (Not King's Court.)
Kingsey. See Kingham.
King Solomon; mountain, east of Carmi, Yale district, B.C
King William; island, S.W. of Boothia pen., N.W.T. (Not King William Land.)
Kinney; lake, at the southwest base of Mt. Robson, Cariboo dist., B.C. (Not Helena.)
Kinnickoneship; lake, near, Manitou L., Kenora district, Ont. (Not Black Sawbill.)
Kinnyu; lake, Kenora district, Ont.
Kinojevis; lake and river, upper Ottawa, Pontiac Co., Q. (Not Kinojeviskaskatik.)
Kinoje. See Kenozhe.
Kinonge; river, Petite Nation seigniory, Ottawa county, Que. (Not Salmon.)
Kinsman; post settlement, Kings county, N.S. (Not Kinsman's.)
Kintail; village, south of Clark point, Huron county, Ont.
Kipawa; lake, post office, and river, Pontiac Co., Que. (Not Keepawa nor Kipewa.)
Kipling; reef, west of Middle Duck island, Manitoulin district, Ont.
Kipp; coulée, north of Middle coulée, southern Alberta. (Not Kipp's.)
Kirby; creek, flowing into Juan de Fuca strait, Vancouver I., B.C. (Not Coal.)
Kirk; island, in the northerly portion of lake Evans, Abitibi district, Que.
Kirkendatch. See Kikendatch.

Kirk Ferry; village, Hull township, Ottawa county, Que. (Not Kirk's Ferry.)

Kirkpatrick; lake, south of Hamilton lake, southeastern Alberta.

Kishikas; lake and river, tributary to Severn river, Patricia district, Ont. (Not Cedar, Kee-she-kas nor Kishki.)

Kishki. See Kishikas.

Kiskitto; lake, north of L. Winnipeg, Man. (Not Grass nor West Niskitogisew.)

Kiskittogisu; lake, north of L. Winnipeg, Man. (Not Big Reed nor Niskitogisew.)

Kiskopkechewans. See Minnehaha.

Kispiox; river, tributary to Skeena river, above Hazelton, Cassiar district, B.C. (Not Kispyox nor Kis-py-ox.)

Kisseynew; lake, south of Kississing lake, Manitoba. (Not Lobstick.)

Kississing; lake and river, tributary to Churchill river, Manitoba. (Not Cold, Kissisino, nor Takipy.)

Kitchener; island, W. of Cockburn I., Manitoulin dist., Ont. (Not Little Cockburn.)

Kitchener; railway station, Kootenay district, B.C.

Kitchigama; river, trib. to Nottaway R., Abitibi district, Que. (Not Michagama.)

Kitgargas; village, on Babine river near its junction with the Skeena, Cassiar district, B.C. (Not Kitgargasse.)

Kitigtung. See Lady Franklin.

Kitimat; arm and P.O., N. of Douglas channel, Coast district, B.C. (Not Kitamaat.)

Kitiwiti; shoal, southwest of Prospect, N.S. (Not Kittee Wittee.)

Kitkiata; Indian village, Douglas channel, Coast district, B.C. Not Kit-kia-tah.)

Kitsalas; canyon and town, on Skeena river, Coast district, B.C. (Not Kitselas.)

Kitselas. See Kitsalas.

Kitsumgallum; lake and river, tributary to Skeena river, Coast district, B.C. (Not Kitsumgalum nor Kit-sum-kay-lum.)

Kitty; shoal, S. of Great Duck I., and S.W. from Mary shoal, Manitoulin district, Ont.

Kitwanga; village, on Skeena river, 20 miles below Hazelton, Cassiar district, B.C.

Kitza. See Ketza.

Kiwanzi; brook, tributary to Burntwood river, Manitoba.

Kiwetinok; pass, peak, river, and valley, N. of Beavertail river, Rocky Mts., Kootenay district, B.C. (Not Mt. Kauffman, Wilson pass, nor Whymper pass.

Kiyiu; lake, southeast of Opuntia lake, southern Saskatchewan. (Not Eagle.)

Kla-anch. See Nimpkish.

Klatsa; river, tributary to Frances river, Yukon. (Not Klatsatooa.)

Klemtu; passage and village, Coast district, B.C. (Not Klemtoo nor China Hat.)

Klesilkwa; river, tributary to Skagit river, Yale district, B.C.

Klewi; river, tributary to Little Buffalo R., S. of Great Slave L.,(Not Tesse-Clewee.)

Kloiya; bay, Denise arm, Morse basin, E. of Kaien I., Coast dist., B.C. (Not Cloyah.)

Klokhok; river, tributary to Takhini river, Yukon.

Klondike; village, and river tributary to Yukon river, Yukon. (Not Klondyke, Clondyke, nor Throndiuck.)

Klootchman; canyon, on Stikine R., S. of Clearwater R., Cassiar district, B.C. (Not Kluchman.)

Klotassin; river, tributary to Donjek river, Yukon.

Klotz; mount, near Tatonduk river, Yukon.

Kluane; lake and river, in southwestern Yukon. (Not Kluahne.)

Kluchman. See Klootchman.

Kluhini; river, flowing out of Frederick lake into Dezadeash lake, Yukon.

Klukshu; lake, and river tributary to Alsek river, Yukon.

Klusha; creek, flowing through Braeburn lake, into Nordenskiöld river, Yukon.

Knapp. point, also Knapp Point lightstation, north shore of Wolfe island, Frontnac county, Ont. (Not Brown's.)

Knee; hills, between Kneehills and Threehills creeks, southern Alberta.

Kneehill; post office, east of Innisfail station, Alta. (Not Knee Hill Valley.)

Kneehills; creek, tributary to Red Deer river, Alta. (Not Knee Hills.)

Kneeland; bay, southwest shore Frobisher bay, N.W.T.

Knife; islands, west of Shute point, Bruce county, Ont.

Knife; lake, international boundary, Rainy River district, Ont.

Knight. See Descanso.

Knob; lake, Rugby township, Kenora district, Ont.

Knob. See The Knob.

Koak; islands and stream, St. John river, York county, N.B. (Not Coac nor Coak.)

Koidern; river, tributary to White river, Yukon.

Koketsa. See Kaketsa.

Kokomenhani; lake, at headwaters of Rupert river, Mistassini district, Que. (Not Kokhamenhani.)

Kokomis; lake, southwest of Grand lake Victoria, Pontiac county, Que.

Koksilah; railway station, ridge, and river, N. of Cowichan R., Vancouver I., B.C.

Koksoak; river, flowing into Ungava bay, Que. (Not Big nor South.)

Kolfage; island, south of Pike point, Bruce county, Ont.

Koochiching; falls, in Rainy river, near Fort Frances, international boundary, Rainy River district, Ont. (Not Chaudière.)

Koos-ka-nax. See Kuskanax.

Kootanie. See Blakiston.

Kootenai. See Waterton.

Kootenay; lake and river, Kootenay district, B.C. (Not Kootanie, Kootenai, &c.)

Kopka; lake, west of lake Nipigon, Thunder Bay district, Ont.

Korikduardu; inlet, E. of Chorkbak inlet, Hudson strait. (Not Ko-rick-du-ar-du.)

Koshin; river, tributary to Nahlin river, Cassiar district, B.C.

Koya; point, also light station on the point, east of Langford point, N.E. entrance to Houston Stewart channel, Coast district, B.C.

Kramer; lake, Redditt township, Kenora district, Ont.

Kukukahu; lake, west of Manitou lake, Kenora district, Ont.

Kukukus; lake, southeast of Minnitaki lake, Kenora district, Ont. (Not Kukus.)

Kuldo; creek and village, Skeena river, 46 miles above Hazelton, Cassiar dist., B.C.

Kulleet; bay, northeast of Ladysmith harbour, Vancouver island, B.C. (Not Chemainos nor Chemainus.)

Kunghit; island, southernmost of Queen Charlotte Is., Coast dist., B.C. (Not Prevost.)

Kuper; island, northwest of Saltspring island, southeast coast of Vancouver island, B.C. The name "Kuper" is confirmed for this island and replaced by "Hibben"

for the northerly one to avoid duplication.

Kuper. See Hibben.

Kusawa; lake, southwest of lake Laberge, Yukon. (Not Arkell.)

Kusawa; river, flowing northerly from Cassiar district, B.C., into Kusawa lake, Yukon. (Not Arkell.)

Kushog; lake, Stanhope township, Haliburton county, Ont. (Not Hall's nor Kah-wah-she-be-mah-gog.)

Kusiwah. See Surprise.

Kuskanax; creek, E. side of Upper Arrow L., Kootenay dist., B.C. (Not Koos-ka-nax.)

Kuskonook; P.O. and railway station, near the southern end of Kootenay lake, Kootenay district, B.C. (Not Kuskanook.)

Kutawagan; lake, Tp. 30, R. 20, W. 2 M., southern Saskatchewan.

Kuthai; lake, discharging into Silver Salmon river, Cassiar district, B.C.

Kwadacha; river, tributary to Finlay R., Cassiar, B.C. (Not Quadacha nor Quaneca.)

Kwichpak. See Yukon.

Kwinitsa; railway station, also river tributary to Skeena R., B.C. (Not Quinitsa.)

Kyak; bay, west coast Ungava bay, Que.

Kyaska; lake, on Churchill river, east of Reindeer river, central Saskatchewan.

Kyeet. See Kaiete.

L

Laberge; lake, in the southern portion of Yukon. (Not Labarge nor Lebarge.)

Laberge; lake, Pontleroy township, Pontiac county, Que. (Not Lizard.)

LaBiche; lake and river, northeastern Alberta. (Not Red Deer.)

Labrador; reef, south of Belanger point, Manitoulin island, Manitoulin district, Ont.

Labrador; reef, north of cape Chidley, Ungava, Que.

Labyrinth; lake, on interprovincial boundary, north of height of land, Ont. and Que.

Lacaille; point and river, Montmagny county, Que. (Not la Caille.)

LaChapelle; post office, Two Mountains county, Que. (Not Lachapelle.)

La Colle. See Cole.

Lacroix; lake, southeast of L. LaBiche, central Alberta.

Lacroix; lake, in the valley of Bulkley river, Cassiar district, B.C. (Not La Croix, Le Croix, nor Round.)

LaCroix; lake, Int. boundary, Rainy R. dist., Ont. (Not Namoukan nor Nequaquon.)

Ladder; hill and lake, southeast of Cowan lake, central Saskatchewan.

Ladue; river, tributary to White river, Yukon.

Lady Beatrix; lake, northeast of Mattagami lake, Abitibi district, Que.

Ladybird; mountain, N. of Columbia R., Kootenay district, B.C. (Not Lady Bird.)

Lady Franklin; island, east of Clements Land, N.W.T. (Not Kitigtung.)

Ladysmith; harbour and town, southeast coast of Vancouver island, B.C. (Not Oyster harbour.)

LaFrance; creek, east side of Kootenay lake, Kootenay district, B.C. (Not Lafrance.)

Laggan; railway station, Alta.

Lagoon; head, south entrance to Hammond bay, S.E. coast of Vancouver island, B.C.

Lahave; island and river, Lunenburg county, N.S. (Not La Have nor Le Havre.)

Lake; creek, tributary to Stewart river, Yukon.

Lake. See Chonat.

Lake Fleet; group of islands, E. of Admiralty group, St. Lawrence R., Leeds Co. Ont.

Lakelse; lake and river, tributary to Skeena river, Coast district, B.C. (Not Lekelse.)

Lake Megantic. See Megantic.

Lake of Islands. See Dufault lake.

Lake of the Narrows. See Washi lake.

Laketon; post on Dease lake, Cassiar district, B.C.

Lakit; creek, E. of Kootenay R., N. of Steele, Kootenay dist., B.C. (Not Four-mile.)

La Lime See Lanim.

La Loche. See Methye.

Lalonde; island, St. Lawrence river, Soulanges county, Que. (Not Chateauguay.)

L'Amable; brook and lake, Dungannon and Faraday townships, Hastings county, Ont.

Lamb; creek, tributary to Moyie river, Kootenay district B.C.

Lambert; shoal, northwest of Saugeen river, Bruce county, Ont.

Lamek; bay, Shippigan island, Gloucester county, N.B. (Not Alemek, Lamec, L'amec, nor Lameque.)

Landing; lake, north of Sipiwesk lake, Manitoba.

Langara; island, off the northern extreme of Graham island, Queen Charlotte group; also point on the island, midway between Thrumb island and St. Margaret point, with lightstation thereon; name also applied to rocks off the north shore of the island; Coast district, B.C. (Not North island nor North point.)

The island was named North by Capt. George Dixon in 1787; and Langara by Commander Jacinto of the Spanish corvette "Aranzazu", 1792, after Admiral Don Juan de Langara of the Spanish navy and the point was called North by Vancouver, 1793. Walbran's "Coast Names of B.C." The name "North" objected to as not being sufficiently distinctive.

L'Ange Gardien. See Canrobert.

Langford; lake, west of Esquimalt, Vancouver island, B.C.

Langlais. See Langlois.

Langlois; point, at mouth of Grande rivière du Chêne, Lotbinière county, Que. (Not Langlais.)

Lanim; point, west of Dalhousie, Restigouche county, N.B. (Not La Lime, nor La Nim, nor Le Nim.)

La Nonne; lake, Tp. 57, Rs. 2 and 3, W. 5th M., Alta.

L'Anse-a-Valleau. See Anse-au-Vallon.

Lansdowne. mount, west of lake Marsh, Yukon.

La Pause; lake, La Pause township, Pontiac county, Que. (Not Kewagodoongojioon.)

Lapêche; lake, Pontiac county, Que.

Lapie; river, tributary to Pelly river, below Ross river, Yukon.

Laplante; post village, Gloucester county, N.B. (Not LaPlante.)

Larch; river, tributary to Koksoak river, Ungava, Que. (Not Kenogamissee.)

Lardeau; mining division, Kootenay district, B.C. (Not Lardo.)

Lardeau; mountains, east of Upper Arrow lake, Kootenay district, B.C.

Lardeau; river, tributary to Duncan river, Kootenay district, B.C. (Not Lardo.)

Lardeau; town, on Upper Arrow lake, Kootenay district, B.C. (Not Lardo.)

Larder; lake, south of Abitibi lake, Timiskaming, Ont. (Not Present nor President.)

Lardo. See Lardeau.

Lardo. See Purity.

L'Ardoise; village, Richmond county, N.S. (Not Ardoise.)

Large. See Hamilton.

Large Trout. See Hector.

LaRivière; railway station and village, Lisgar electoral district, Man. (Not Larivière.)

Lark; islet, northeast of pointe aux Alouettes, entrance to Saguenay river, Saguenay county, Que. (Not Ile aux Morts.)

Lark. See Alouettes.

LaRonge (lac) ; lake, south of Churchill river, central Saskatchewan.

Larry; rock, south of Great Duck I., and west of Kitty shoal, Manitoulin district, Ont.

Lartigue. See Lois.

LaSalette; town, Norfolk county, Ont. (Not La Sallette nor Lasallette.)

La Sarre; river, flowing from Makamik lake to Abitibi lake, Abitibi district, Que. (Not Amikitik nor Whitefish.)

Lash; island, E. of Dead I., entrance to Key harbour, Parry Sound district, Ont.

Lasher; island, south of Shesheeb point, Thunder Bay district, Ont.

Laskay; post village, York county, Ont. (Not Laskey.)

Lasketti. See Lasqueti.

Last-Chance; creek, branch of Hunker creek, Klondike river, Yukon.

Lasquely. See Lasqueti.

Lasqueti; island, south of Texada island, strait of Georgia, New Westminster district, B.C. (Not Lasquely nor Lasketti.)

Latchford; town, on Montreal river, Timiskaming district, Ont.

La Tete. See Walton.

Laura; mount, near lower Stikine river, north of Iskut river, Cassiar district, B.C.

Laurie; lake in Duck Mountain Forest reserve, western Manitoba.

Laurie; range of mountains, west of O'Donnel river, Cassiar district, B.C.

Laurier; cove, in upper portion of Prince Rupert harbour, Coast district, B.C.

Laurier; lake, Pettypiece township, Kenora district, Ont.

Laurier; mount, east of lake Laberge, Yukon.

Laurier; river, emptying into E. end Clinton-Colden L., N.E. of Slave L., N.W.T.

Laussedat; mount, S. of Mt. Freshfield and N.E. of Donald, Kootenay district, B.C.

Lavallée; lake, northwest of Crean lake, central Saskatchewan. (Not Pelican.)

Lavigne; post office and railway station, Vaudreuil county, Que. (Not Graham P.O.)

Lawrence; lake, north of DeLaronde lake, central Saskatchewan. (Not Caribou.)

Lawrence; lake, south of L. Winnipegosis, Man.

Lazy; lake, east of Kootenay R., north of Steele, Kootenay district, B.C. (Not Rock.)

Leading peak. See mount Finlayson.

Leaf; bay, lake, and river, south coast of Ungava bay, Que. (Not Nepihjee river.)

Leah; peak, northwest of Samson peak, Rocky mountains, western Alberta.

Leak. See Thwartway.

Leanchoil; railway station, Kootenay district, B.C.

Leary; cove and point, entrance to Blind bay, Halifax county, N.S. (Not Leary's.)

Leask; bay and point, South bay, Manitoulin district, Ont.

Leather; river, tributary to Carrot river, Saskatchewan. (Not Hanging Hide.)

Lebarge. See Laberge.

Leboeuf; bay, Gabriola island, S.E. coast of Vancouver I., B.C. (Not Lebeuf.)

Le Croix. See Lacroix.

Leda; peak, near "Castor" and "Pollox," east of mount Swanzy, Selkirk mountains, Kootenay district, B.C.

Lee; bank, north of Saugeen river, Bruce county, Ont.

Lee; creek, tributary to St. Mary river, southern Alberta. (Not Lee's.)

Leech; river, tributary to Sooke river, Vancouver island, B.C.

Leek. See Thwartway.

Lefroy; mount, also glacier, in the Bow range of the Rockies, Alta. and B.C.

Le Have. See Lehave.

Le Heu; point, below Murray bay, Charlevoix county, Que.

Lelu; island, northwest of Smith island, Chatham sound, Coast district, B.C. (Not Le-loo nor South Porpoise.)

Lemoine; lake, Desroberts, Dubuisson and Laubanie townships, Abitibi district, Que. (Not Kakinokamak.)

Le Nim. See Lanim.

Lenore; lake, north of Humboldt, Saskatchewan.

Leon; settlement, E. side of Upper Arrow L., Kootenay, B.C. (Not Leon Hot Springs.)

Leonard; island, St. Lawrence river, Soulanges county, Que. (Not Grand Batture.)

Leonard; mount, west of Surprise lake, Cassiar district, B.C.

Leopold; point, Markham bay, Hudson strait, N.W.T.

Leotta; creek, tributary to Klondike river, Yukon.

Lepreau; basin, harbour, parish, point, river, and village, Charlotte county, N.B. (Not Lepreaux nor Belas basin.)

Leroux. See Hill.

Lesser Slave; lake and river, central Alberta. (Not Slave.)

Lester; lake, Haycock township, Kenora district, Ont.

L'Etang; harbour, river, and village, Charlotte county, N.B. (Not Etang nor Letang.)

L'Etete. See Letite.

Letite; passage and village, Charlotte county, N.B. (Not L'Etete nor Letete.)

Lève; lake, Radcliffe township, Renfrew county, Ont.

Lewes; lake, near the "big bend" of Watson river, and river tributary to Yukon river, Yukon. (Not Lewis.)

Lewes; mount, north of lake Laberge, Yukon. (Not River mountain.)

Lewis; creek, east of Kootenay river, north of Steele, Kootenay district, B.C.

Lewis; island, between Kennedy and Porcher islands, Coast district, B.C.

Lewis; lake, northeast of Tawatinaw lake, Kenora district, Ont.

Lewis; lake, Ross river, Yukon.

Lewis. See Crease.

Lewis. See Lewes.

Lewis. See Louis.

Liard; river, tributary to Mackenzie R., B.C., N.W.T. and Yukon. (Not Mountain.)

Lichfield; shoal, W. entrance to Halifax harbour, Halifax Co., N.S. (Not Litchfield.)

Lièvres (île aux); island, St. Lawrence river, Temiscouata county, Que. English usage: Hare island, which see.

Lighthouse. See Snake.

Lillooet; district, river, and town, B.C.

Lily; bay, upper Ottawa river, northwest of Grand lake Victoria, Pontiac county, Que.

Lily; bay, also Lily Bay P.O., east shore of L. Manitoba, Man.

Lily; glacier, and pass, north of mount Swanzy, Selkirk Mts., Kootenay district, B.C.

Lily; lakes, on international boundary, Thunder Bay district, Ont.

Lima; point, S. extreme of Digby I., W. entrance to Prince Rupert harbour, B.C.

Limebank; post office, Carleton county, Ont. (Not Lime Bank.)

Limestone; lake, Mayo township, Hastings county, Ont.

Limestone; point, Nipisiguit bay, Gloucester county, N.B. (Not Young's.)

Limestone. See Dolomite.

Lina; range of mountains, east of Atlin lake, Cassiar district, B.C.

Linda; lake, northeast of mount Odaray, Rocky mountains, Kootenay district, B.C.

Lindal; lake, Pettypiece township, Kenora district, Ont. (Not Lindel.)

Lindeman; lake, S. of Bennett L., Cassiar, B.C. (Not Linderman nor Lyndeman.)

Lindsay; island, Admiralty group, St. Lawrence river, Leeds county, Ont. (Not Cut.)

Line; lake, southwest of Eagle lake, Kenora district, Ont.

Lineham; creek, tributary to Sheep river, southern Alberta.

Link; island, near Dodd narrows, east coast of Vancouver island, B.C.

Link; lake, Strathy township, Nipissing district, Ont.

Linklater; creek, tributary to Kootenay river, near intenational boundary, Kootenay district, B.C. (Not Linkwater nor Meadow.)

Linklater; lake, east of Willard lake, Kenora district, Ont.

Linkwater. See Linklater.

Liscomb; harbour and post village, Guysborough county, N.S. (Not Liscombe.)

Liskeard; town, Timiskaming district, Ont. (Not New Liskeard.)

L'Isle. See Delisle.

Listowel; town, Perth county, Ont. (Not Listowell.)

Litchfield. See Lichfield.

Little; mount, W. of Mt. Fay, Bow range of the Rockies, Alta. and Kootenay, B.C.

Little; rock, southwest of Phœbe point, Fitzwilliam island, Manitoulin district, Ont.

Little. See Rough.

Little Atlin; lake, betweeen Atlin lake and lake Marsh, Yukon.

Little Black. See Belanger.

Little Black. See Burton.

Little Blanche; creek, branch of Quartz creek, Indian river, Yukon.

Little Boshkung; lake, Minden township, Haliburton county, Ont.

Little Bow; river, tributary to Belly river, Alta.. (Not Small.)

Little Bras d'Or; the narrow channel, east of Boularderie island, leading into St. Andrew channel, from the Atlantic, Cape Breton county, N.S. The name 'Little Bras d'Or lake' to be dropped.

Little Brezeau. See Nordegg.

Little Candle. See Torch.

Little Cedar. See Pakhoan.

Little Charlton. See Trodely.

Little Cockburn. See Kitchener.

Little Cutarm. See Kaposvar.

Little Fishing. See Peck.

Little Flatland. See Campbell.

Little Fork. See Gunamitz.

Little Fork of the Saskatchewan. See Mistaya.

Little-gem; creek, branch of Hunker creek, Yukon.

Little Grant. See Pearson.

Little Green. See Steevens.

Little Island (lake). See Ministikwan.

Little Jackfish. See Foreleg.

Littlejohn; island, Admiralty group, St. Lawrence river, Leeds county, Ont.

Little Knife; portage, between Knife and Cypress lakes, Rainy R., district, Ont.

Little Lorraine. See Little Lorembec.

Little Lorembec; post settlement, midway between Lorembec and Cape Breton, Cape Breton county, N.S. (Not Little Loran nor Little Lorraine.)

Little Lorraine. See Little Lorembec.

Little Madawaska; river, E. side of Algonquin National park, Nipissing district, Ont.

Little Magog. See Magog.

Little Mecattina. See Mekattina.

Little (or south) Miminigash. See Roseville.

Little Mistassini. See Albanel.

Little Musquodoboit; village, Halifax county, N.S. (Not Little River Musquodoboit.)

Little Natashquan. See Natashkwan.

Little Nation. See South Nation.

Little Nipisiguit. See Millstream.

Little Nottaway. See Broadback.

Little Opeongo. See Aylen.

Little Pelican. See Suggi.

Little Quill. See Quill.

Little Red. See Spruce

Little River Musquodoboit. See Little Musquodoboit.

Little Roger; lake, north of lac des Quinze, Pontiac county, Que. (Not Little Rogers.) Previous decision revised.

Little Sachigo. See Oponask.

Little Salmon; river, tributary to Lewes river, Yukon.

Little Sandy. See Athol.

Little Saskatchewaen. See Dauphin.

Little Saskatchewan. See Minnedosa.

Little Shallow. See Pakwash.

Little Shuswap; lake, west of Shuswap lake, Yale district, B.C.

Little Slocan; river, tributary to Slocan river, Kootenay district, B.C.

Little Slave. See Prince Regent.

Little Smoky; river, tributary to Smoky river, Alta.

Little Tahltan; river, tributary to Tahltan river, Cassiar district, B.C.

Little Tobique. See Sisson.

Little Tobique. See Tobique.

Little Vermilion; lake, between Loon and Sand Point lakes, international boundary, Rainy River district, Ont. (Not Vermilion.)

Little Wabigoon. See Dinorwic.

Little Weslemcoon. See Effingham.

Livingstone; range of mountains and river, southern Alberta.

Lizard. See Laberge.

Llewellyn; glacier, south of Atlin lake, Cassiar district, B.C.

Loadstone. See Lodestone.

Lobster; lake, Airy township, Nipissing district, Ont.

Lobster. See Crayfish.

Lobstick; bay, in the lake of the Woods, Kenora district, Ont. (Not Lob-stick.)

Lobstick; river, tributary to Pembina river, central Alberta. (Not Lob-stick.)

Lobstick. See Chip.

Lobstick. See Kisseynew.

Lock; bay, Gabriola island, southeast coast of Vancouver island, B.C.

Locke; island, Lockeport harbour, Shelburne county, N.S. (Not Ragged nor Rugged.)

Lockeport; harbour, also town on Locke island, Shelburne county, N.S. (Not Ragged or Rugged Island harbour.)

Lockhart; river, emptying into E. end of Great Slave L., N.W.T. (Not Lockhart's.)

Lodestone; lake and mountain, south of Tulameen river, Yale district, B.C. (Not Loadstone mountain nor Paradise lake.)

Lodge; creek, southern Alberta and Saskatchewan. (Not Medicine Lodge.)

Logan; island, in northerly portion of lake Nipigon. Thunder Bay district, Ont.

Logan; mount, east of Frances lake, Yukon.

Logie; rock, west of McNab point, Bruce county, Ont.

Lois; lake and river, emptying into Makamik lake, Abitibi district, Que. (Not Lartigue, Matamik, nor Molesworth.)

Loks Land; at entrance to Frobisher bay, N.W.T. (Not Lok's Land.)

Lombard; creek, tributary to Indian river, Yukon.

Lomond; river, emptying into L. Superior, Thunder Bay district, Ont. (Not Carp.)

London Junction. See Pottersburg.

Lonely. bay, east of Dominion point, Manitoulin island, Manitoulin district, Ont.

Lonely; river, flowing into bay of same name, Opasatika lake, Pontiac county, Que. (Not Bagwah.)

Lonely. See Isolated.

Lonely. See Seul.

Lonely Valley. See Ten Peaks.

Lone Man's. See Oneman.

Lone Tree. See Ann.

Long; creek, the west branch of Souris river, southeastern Saskatchewan.

Long; point, extending into the central portion of lake Evans, Abitibi district, Que.

Long; point, in southern part of Tyendinaga township, Hastings county, Ont.

Long; portage, between Rose and Watap lakes. International boundary, Thunder Bay district, Ont. (Not Great New.)

Long. See Farrell.

Long. See Kawashegamuk.

Long. See Lowes.

Long. See Methy.

Long. See Mountain.

Long. See Ord.

Long. See St. Andrew.

Long. See Trident.

Long. See Tyee.

Long. See Vaudray.

Long. See Wolfe.

Long. See Woods.

Long-legged; lake and river, emptying into Wilcox lake on English river, Keewatin.

Long Point; bay and lightstation, L. Erie, Norfolk county, Ont. (Not North Foreland nor Outer Bay of Long Point.)

Long Sault; rapids, below Manitou rapids, Rainy river, Rainy River district, Ont.

Longspell; point, near Kingsport, Kings county, N.S. (Not Indian.)

Longue-Pointe; village, Hochelaga county, Que. (Not Long Point.)

Lookout; mountain, in the Selkirks, Kootenay district, B.C.

Lookout; river, emptying into Smoothrock lake, Thunder Bay district, Ont.

Loon; lake, between LaCroix and Little Vermilion lakes, international boundary, Rainy River district, Ont.

Loon. See Makwa.

Loon. See Mang.

Loonhead; lake, on Burntwood river, Manitoba. (Not Loon-head)

Loop; brook, tributary to Illecillewaet river, near "The Loop," Kootenay district, B.C.

Lordmills ; post office, Grenville county, Ont. (Not Lord Mills.)

Lorembec; head and post settlement, about 2 miles east of Louisburg, Cape Breton county, N.S. (Not Big Loran nor Big Lorraine.)

The original form of this name was Laurentbec (See page 175 of "Cape Breton and its Memorials." by Sir John Bourinot) which survives in the neighbouring "Lawrence head"; this successively became "Laurentbec"; "Lorembec"; and "Lorembee", evidently a typographical error; "Loran", probably a corruption of Laurent; and lastly "Lorraine", evidently adopted from the name of the Rhenish province under a misconception.

Lorenzo. See Pelletier.

Loretta; island, north of Hawkesbury island, Coast district, B.C.

Lorette; parish, railway station, and village, S.E. of Winnipeg, Man. (Not Loretto.)
L'Orignal; town, Prescott county, Ont. (Not L'Original.)
Lorne; lake, Rugby township, Kenora district, Ont.
Lorne; lake, Pembina river, southern Manitoba.
Lorne; mount, west of lake Marsh, Yukon.
Lorrain; lake, east of Cassels township, Timiskaming district, Ont. (Not Bear.)
Loscombe; reef, north of Macpherson point, Bruce county, Ont.
Lost; lake, northwest of Minnitaki lake, Kenora district, Ont.
Loucks; lake, Burleigh township, Peterborough county, Ont. (Not Louck's.)
Lougheed; bay, point and reef, east of Dominion point, Manitoulin island, Ont.
Louis; mount, northwest of Banff, Alta.
Louis; point, south end of Coste island, Kitimat arm, Coast district, B.C.
Louis; port, Graham island, Coast district, B.C. (Not Ingraham nor Lewis.)
Louisa; lake, Lawrence township, Haliburton county, Ont.
Louise; lake, west of Laggan station, Alta. (Not Emerald.)
Louise; lake, Pembina river, also railway station, southern Manitoba.
Lount; lake, English river, Kenora district, Ont.
Loup (banc du); bank, below Pilgrim Is., St. Lawrence R., Temiscouata Co., Que.
Loup (pointe du); (rivière du); point, also river tributary to the St. Lawrence, Temiscouata county, Que.
Loutre; Harbour de, harbour, W. side of Campobello I., N.B. (Not Harbour de Lute.)
Low; lake, southeast of Silver lake, Kenora district, Ont.
Low; point, and Low Point post office, east side of George bay, Inverness county, N.S.
Low. See Clark.
Low. See **Flat**
Lower Arrow; lake, an expansion ot Columbia river, Kootenay district, B.C.
Lower Bow. See Hector.
Lower Clearwater. See Washagomish.
Lower Savage; islands, Gabriel strait, N.W.T.
Lower White Fish. See Gregg.
Lowes; lake, southwest of Yorkton, Sask. (Not Long, Pebble, nor Silver.)
Lubbock; bay, west of Markham bay, Hudson strait, N.W.T.
Lubbock; river, flowing into Atlin lake from Little Atlin lake, Yukon.
Lucas; channel, island, and reef, at entrance to Georgian bay, Manitoulin district, Ont
Lucky; creek, branch of Allgold creek, Klondike river, Yukon.
Luke; creek, tributary to St. Mary river, Kootenay district, B.C.
Luke Fox. See Fox.
Lumley. See Frobisher.
Lusk; creek, tributary to Kananaskis river, Alta.
Lussier; river, tributary to Kootenay river, Kootenay district, B.C.
Lutz. post settlement, Westmorland county, N.B. (Not Lutes nor Lutes Mountain.)
Lyal; island and reef, southeast of Greenough point, Bruce county, Ont.
Lychnis; mountain, south of Mt. Douglas, Rocky Mts., Alberta.
Lyell; mount, also creek and snowfield, summit range of the Rockies, Alta. and Kootenay district, B.C.

Lynch; island, in the Ste. Genevieve group, east of Ste. Anne-de-Bellevue, Jacques Cartier county, Que. (Not Dowker's nor Lynch's.)

Lyndeman. See Lindeman.

Lynedoch; island, west of Hill island, St. Lawrence river, Leeds county, Ont. (Not Ash nor Lyndoch.)

Lynn; point, Manitoulin I., N.W. of Greene I., Manitoulin dist., Ont. (Not Black.)

Lynx. See Selby.

Lyster; lake, Barnston township, Stanstead county, Que. (Not Baldwin's pond nor Barnston pond.)

M

Mabee; village, Norfolk county, Ont. (Not Maybee.)

Mabel; lake and mountain, Yale district, B.C.

Macabee; creek, tributary to Sheep river, also mountain, southern Alberta.

McAdam; Ry. sta. and village, York Co., N.B. (Not Macadam nor McAdam Junction.)

McAlpine; P.O. and Ry. station, Prescott Co., Ont. (Not McAlpine's nor McAlpin.)

Macan. See Maccan.

McArthur; creek, lake, and pass, west of Columbia river; also mountain, at head of upper Yoho valley, Rocky mountains, Kootenay district, B.C.

Macaulay; lake, Airy township, Nipissing district, Ont.

Macaulay; spit, off the southeastern end of Inner Duck island, Manitoulin district, Ont. (Not McCauley's.)

McBean; mount, west of Mt. Purity, Selkirk mountains, Kootenay district, B.C.

McCallum; island, southeast of Beament island, Bruce county, Ont. (Not Snake.)

McCallum; mountains, east of Atlin lake, Cassiar district, B.C.

Maccan; railway station, river, and village, Cumberland county, N.S. (Not Macan.)

McCarthy; point, southeast side of Fitzwilliam island, Manitoulin district, Ont.

M'Clintock; peak and river, between lake Marsh and Teslin river, Yukon. (Not McClintock.)

McConnell; peak and river, Nisutlin river, Yukon.

Macoostigan. See Makustigan.

McCormick; creek and landing, near foot of Lower Arrow lake, Kootenay district, B.C. (Not McCormack.)

McCoy; head, east of Thompson cove, St. John county, N.B. (Not McCoy's.)

McCoy; island, Brock group, St. Lawrence R., Leeds Co., Ont. (Not Montgomery.)

McCreary; island, N. of Turnagain point, L. Winnipeg, Man. (Not Outer Sturgeon.)

McDame; creek, tributary to Dease river, Cassiar district, B.C.

McDonald; bay and point, west of Brockville, Leeds county, Ont. (Not Donald, Macdonald, nor McDonald's.)

McDonald; creek, flowing into Upper Arrow lake, Kootenay district, B.C.

McDonald; island, Admiralty group, St. Lawrence R., Leeds county, Ont. (Not Hog.)

McDonald; lake, east of Atlin lake, Cassiar district, B.C.

McDonald; lake, Haycock township, Kenora district, Ont.

McDonald; mount, west of Esquimalt, Vancouver island, B.C.

Macdonald; island, N.W. of the islands of God's Mercie, Hudson strait. (Not Egypt.)
Macdonald; lake, Havelock township, Haliburton county, Ont. (Not Macdonald's.)
Macdonald; mount, in the Selkirks, Kootenay district, B.C. (Not Carroll.)
Macdonald; range of mountains, east of Wigwam river, Kootenay district, B.C.
McDonald's. See Prince Regent.
McDougal; brook, trib. to Incomappleux R., Kootenay dist., B.C. (Not McDougall.)
McDougall; mount, east of Kananaskis river, Rocky Mountains park, Alta.
Macdougall; settlement, Kent county, N.B. (Not Macdougal nor Macdougall's.)
Macdougall's. See Marion.
Mace; bay, Charlotte county, N.B. (Not Mace's.)
McElhinney; shoal, N. of Flowerpot I., Georgian bay, Ont. (Not McElhinney's.)
McEwen; lake, east of Kawaweogama lake, Thunder Bay district, Ont.
McFadden; lake, McClintock township, Haliburton county, Ont. (Not McFadden's.)
McFarlane; river, emptying into the S. side of Athabaska lake, Sask. (Not Beaver.)
McGaw; point, entrance to S. Baymouth, Manitoulin island, Manitoulin district, Ont.
McGillivray; creek, flowing southeasterly into Anderson lake, also mountain and pass at the head of the creek, Lillooet district, B.C. (Not McGillvray.)
McGillivray; post office, Middlesex county, Ont. (Not West McGillivray.)
McGillvary. See McGillivray.
McGrath; mount, near lower Stikine R., north of Iskut R., Cassiar district, B.C.
MacGregor; point, west of Port Elgin, Bruce county, Ont.
McGregor; settlement, east shore of Kootenay lake, south of Lockhart creek, Kootenay district, B.C. (Not McGregor's.)
Macha. See Hatchau.
Machawaian; lake, southwest of Attawapiskat lake, Patricia district, Ont.
McHugh; brook, flowing into Dinorwic L., Kenora dist., Ont. (Not McHugh's creek.)
McInnes; post office, Middlesex county, Ont. (Not McInness.)
McInness. See McInnes.
McIntosh; mount, east of Atlin lake, Cassiar district, B.C.
McIntosh; post village, Leeds county, Ont. (Not MacIntosh Mills.)
McIntyre; bay, south shore of lake Nipigon, Thunder Bay district, Ont.
Mackay; lake, Gloucester township, Carleton county, Ont. (Not Hemlock.)
McKay; H. B. Co. post, also settlement on Athabaska R., Alta. (Not Fort McKay.)
McKay; lake, south of Nanaimo river, Vancouver island, B.C.
McKay; mount, S.W. of Fort William, Thunder Bay district, Ont. (Not McKay's.)
McKay; reach, between Princess Royal and Gribbell islands, Coast district, B.C.
McKay; rock, S.W. from Pulpwood point, Cockburn I., Manitoulin district, Ont.
McKay; river, flowing northeasterly into Athabaska R. at McKay, Alta. (Not Red.)
McKee; creek, north of O'Donnel river, Cassiar district, B.C.
McKellar; channel (middle) of Kaministikwia river, Thunder Bay district, Ont. (Not McKellar river.)
McKellar; island, south of Pie island, Thunder Bay district, Ont.
McKellar; point, southwest of Victoria island, Thunder Bay district, Ont.
McKenzie; creek, flowing into Grand river, Brant and Haldimand counties, Ont. (Not Mackenzie.)

McKenzie; lake, Nightingale township, Haliburton county, Ont. (Not McKenzie's.)
Mackenzie; lake, S. of N. T. Ry., N.W. of L. Nipigon, Thunder Bay district, Ont.
Mackenzie; mount, southeast of Revelstoke, Kootenay district, B.C. (Not McKenzie.)
McKim; bay, west shore South bay, Manitoulin island, Ont. (Not McKimm.)
McLaren. See McLaurin.
McLaughlin. See McLoughlin.
McLaurin; bay, east of East Templeton, Ottawa county, Que. (Not MacLaren.)
McLaurin; lake, northwest of lake Nipigon, Thunder Bay district, Ont.
McLay; mount, east of Surprise lake, Cassiar district, B.C.
McLean; canyon, below the Grand falls of Hamilton river, Ashuanipi district and Ungava, Que. (Not Bowdoin.) Named after John McLean, an officer of the H. B. Co. who discovered the falls and canyon in 1839.
McLean; mountain, north of mouth of Cayoosh creek, Lillooet district, B.C.
McLean; rock in Fitzwilliam channel, Manitoulin district, Ont.
McLean. See McLelan.
McLelan; strait, northeast shore Ungava bay, Que. (Not McLean.)
McLennan; lake, Haycock township, Kenora district, Ont.
Macleod; lake, Tp 51, R. 16, W. 3 M., Saskatchewan.
Macleod; town and railway station, southern Alberta. (Not Fort Macleod.)
McLeod; mount, west of Dease lake, Cassiar district, B.C.
McLeod; river, tributary to Athabaska river, central Alberta.
McLoughlin; bay, Lama passage, Coast district; also point in Victoria harbour; B.C. (Not M'Laughlin, Maclaughlin, nor McLaughlin.)
McMahon; island, off the southeast side of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Shantee nor Shanty.)
McMaster; lake, Jones township, Renfrew county, Ont. (Not McMaster's.)
McMaster; mount, east of O'Donnel river, Cassiar district, B.C.
Macmillan; range of mountains, and river tributary to Pelly river, Yukon.
MacMillan; railway station, Kenora district, Ont.
McMullen. See Carnarvon.
McMurray; H. B. Co. post, also settlement on Athabaska river, northeastern Alberta. (Not Fort McMurray.)
McNab; point, south of Chantry island, Bruce county, Ont.
McNair; island, St. Lawrence river, below Brockville, Leeds county, Ont.
McNeil; mount, betweeen Watson and Wheaton rivers, southern Yukon.
McNevin; lake, Murchison township, Nipissing district, Ont. (Not McNevin's.)
McNicoll; mount, southeast of Sixmile Creek station, Kootenay district, B.C.
McNutt; island, Shelburne harbour, Shelburne county, N.S. (Not McNutt's.)
Macoming. See Chiblow.
McPhee; bay, northern shore of lake Simcoe, Simcoe county, Ont.
McPherson; lake, north of Frances lake, Yukon.
Macpherson; mount, southwest of Revelstoke, Kootenay district, B.C.
Macpherson; point, northeast of Douglas point, Bruce Co., Ont. (Not McPherson.)
Macoun; mount, northwest of mount Fox, Selkirk mountains, Kootenay district, B.C.
Macquereau. See Maquereau.
McQuesten; river, tributary to Stewart river, Yukon. (Not McQuestion.)

McRae; point, south of Douglas point, Bruce county, Ont.

McReynolds; post office, Grenville county, Ont. (Not McReynold's Corners.)

McReynold's Corners. See McReynolds.

Mad; reef, between Greenough point and Lyal island, Bruce county, Ont.

Madawaska; post office, Nipissing district, Ont.

Madawaska; river, tributary to Ottawa river, Renfrew county, Ont.

Madendanada. See Tendinenda.

Madge; lake, in Tps. 30 and 31, R. 30, W. P. M., Sask. (Not Clear Water.)

Maduxnakeag. See Meduxnekeag.

Maganasibi; river, tributary to Ottawa river, Pontiac county, Que. (Not Maganacipi nor Maganasipi.)

Maganatawan; post office and river, Parry Sound district, Ont. (Not Magnetawan nor Maganetawan.)

Maggie; lake, Finlayson township, Nipissing district, Ont. (Not Maggie's.)

Magnet; channel, island, and point, S.E. entrance Black B., Thunder Bay dist., Ont.

Magnetawan. See Maganatawan.

Magnetic; island and reef, southeastern side of Cockburn I., Manitoulin district, Ont.

Magnetic; lake, W. of Gunflint L., international boundary, Thunder Bay district, Ont.

Magog; lake and river, tributary to St. Francis river, Sherbrooke and Stanstead counties, Que. (Not Little Magog lake.)

Magog; lake, in Mack township, Algoma district, Ont.

Maguacha. See Maguasha.

Maguasha; point and post office, Nouvelle township, Bonaventure county, Que. (Not Goacha, Maguaacha, Migaocha, nor Miguasha.)

Maguire; mount, east of Sooke inlet, Vancouver island, B.C. (Not McGuire.)

Magusi; river, flowing northeasterly into Agotawekami lake, Abitibi district, Que., and Timiskaming district, Ont. (Not Asipimocasi nor Isabemagussi.)

Mahmee. See Mami.

Mahogany. See Manawagonish.

Maiden; island, south shore Hudson strait, Ungava, Que. (Not Maiden Paps.)

Maiden; island, east of Michael point, Manitoulin island, Manitoulin district, Ont.

Maikaskagi; river, north of Waswanipi river, Abitibi district, Que.

Mailloux; river, flowing into the St. Lawrence, at Murray Bay, Charlevoix Co., Q.

Main; channel, between Cove island and "Bad Neighbour" rock, entrance to Georgian bay, Bruce county, Ont.

Mainadieu; bay, lightstation, passage, and village, Cape Breton county, N.S. (Not Main à Dieu, Main-à-dieu nor Menadou.)

Maitland; island, Douglas channel, north of Hawkesbury island, Coast district, B.C.

Maitland; river, emptying into lake Huron at Goderich, Huron county, Ont.

Maitland. See Port Maitland.

Makamik; lake, Royal Rouissillon township, Abitibi district, Que. (Not Mekamic.)

Makokibatan; lake, Albany river, Patricia and Thunder Bay districts, Ont.

Makustigan; lake, S. of Wetetnagami L., Abitibi district, Que. (Not Macoostigan.)

Makwa; lake and river, trib. to Beaver R., from the southwest, Sask. (Not Loon.)

Malahat; ridge, west of Saanich inlet, Vancouver island, B.C. (Not Beddingfield.)

Malaspina's. See Galiano.

Malbaie (rivière); river, tributary to the St. Lawrence, Charlevoix county, Que. (Not Malbay.) English usage: Murray river, which see.

Malbaie; See also **Murray Bay.**

Malcolm; reef, between Boyer reef and Port Elgin, Bruce county, Ont.

Mâle (lac du); lake, at headwaters of St. Maurice river, Champlain county, Que.

Maligne; lake and river, emptying into the Athabaska at 'Henry House,' also mountain east of the lake, Rocky mountains, western Alberta.

Mallon; lake, in Rattray township, Timiskaming district, Ont.

Maloney; mount, northwest of Aishihik lake, Yukon.

Malpeque; bay, Prince county, P. E. I. (Not Richmond.)

Mamakwash; lake, at headwaters of Berens R., Patricia district, Ont. (Not Fairy.)

Mameigwess; lake, north of Attawapiskat lake, Patricia district, Ont.

Mami; creek, tributary to Belly river, southern Alberta. (Not Buffalo, Fish, nor Mahmee.)

Mamozekel; river, tributary to Tobique river, Northumberland and Victoria counties, N.B. (Not Mamoxekel nor Momozekel.)

Manasan; river, tributary to Burntwood river, Manitoba. (Not Munosahn.)

Manawagonish; island, in St. John harbour, St. John county, N.B. (Not Mahogany, Manawoganish, nor Meogenes.)

Manawan; lake, on Churchill river, below Reindeer river, central Saskatchewan.

Mance; lake, La Sarre township, Abitibi district, Que. (Not Mud.)

Mandamin; post village and railway station, Lambton Co., Ont. (Not Mandaumin.)

Mang; lake, west of Kawawia lake, Kenora district, Ont. (Not Loon.)

Manganese; mountain, east of Ice river, Rocky mountains, Kootenay district, B.C.

Manicouagan. See Manikuagan.

Manicuagan. See Manikuagan.

Manigotagan; lake and river, east of lake Winnipeg, Man. (Not Bad Throat river, Muskrat lake, nor Rat Portage lake.)

Manikuagan; point and river, Saguenay Co., Q. (Not Manicouagan nor Manicuagan.)

Manito; lake, south of Battle river, Saskatchewan.

Manitoba; large lake of Manitoba.

Manitoba; ledge, off W. side of Yeo I., entrance to Georgian bay, Manitoulin dis., Ont.

Manitoba; reef, north of Great Duck island, Manitoulin district, Ont.

Manitou; creek, flowing into Michael bay, Manitoulin island, Manitoulin district, Ont.

Manitou; lake, northwest of lake Nipigon, Thunder Bay district, Ont.

Manitou; rapid, Rainy river, international boundary, Rainy River district, Ont.

Manitou. See Silver.

Manitoulin; island, Manitoulin district, Ont. (Not Grand Manitoulin.)

Manitoulin gulf. See South bay.

Manitounuk; sound, north of Great Whale river, Ungava, Que. (Not Manitounuck.)

Manitowaning; bay and village, Manitoulin district, Ont. (Not Manitouaning.)

Manitumeig; lake, west of Manitou lake, Kenora district, Ont.

Manitush; lake, southwest of Attawapiskat lake, Patricia district, Ont.

Mann; island, in upper part of lake Timiskaming, Pontiac county, Que.

Mann; island, east of Bigsby island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Manomin; lake, west of Winnange lake, Kenora district, Ont. (Not Unaminnikan.)

Manquart. See Monquart.

Mansel; island, Hudson bay. (Not Mansfield.)

Mansfield. See Mansel.

Mansfield; creek, tributary to Tatshenshini river, Cassiar district, B.C. (Not Bear.)

Mantagao; river, flowing northerly into Sturgeon bay, L. Winnipeg, Man.

Manuan; lake, and river tributary to the upper St. Maurice, Champlain county, Que. (Not Manouan.)

Manuminan. See Paint.

Many Island; lake, east of Medicine Hat, Alta. and Sask.

Maple; bay and mountain, W. Sansum narrows, Stuart channel, Vancouver I., B.C.

Maple; creek flowing into Bigstick lake, also Maple Creek town, southwestern Sask.

Maple; island, St. Lawrence R, Soulanges county, Que. (Not D'Alogmy nor Thorn.)

Maple; point, at the northeast end of Gil island, Coast district, B.C.

Maple. See Goosehunting.

Maplegrove; post office, Middlesex county, Ont. (Not Maple Grove.)

Maquereau; point, Gaspe county, Que. (Not Macquereau.)

Mara; lake, east of Salmon arm of Shuswap lake, Yale district, B.C. (Not Mara arm of Shuswap lake.)

Marble; canyon, a very narrow deep pass through the range of mountains between Bonaparte and Fraser rivers, Lillooet district, B.C.

Marble Dome; mountain, S. of Gladys lake, Cassiar dist., B.C. (Not Brown Dome.)

Margaree; town, Inverness county, N.S. (Not Margaree Harbour.)

Margaret; lake, northeast of Turquoise lake, Alta.

Margaret; lake, at headwaters of Wenasaga R., Patricia, Ont. (Not Kakinookama.)

Marguerite; bay, point, and river, north shore of lower St. Lawrence, Saguenay county, Que. (Not Ste. Marguerite.) To avoid duplication, see Ste. Marguerite river, Chicoutimi county.

Maria; lake, northwest of Tuya lake, Cassiar district, B.C.

Maria; lake, Purdom township, Thunder Bay district, Ont.

Marieville; railway station and village, Rouville county, Que.

Marieville creek. Se Huron river.

Marina; island, S.W. of Cortes I., Sutil channel, Coast district, B.C. (Not Mary.)

Marion; lake, west of Glacier station, Kootenay district, B.C.

Marion; point, near Dorval, Jacques Cartier county, Que. (Not Macdougall's.)

Marion. See Allan.

Marjorie; island, westward of Sandys point, St. Peters inlet, Richmond county, N.S. (Not Gooseberry.)

Mark; creek, tributary to St. Mary river, Kootenay district, B.C.

Mark; lake, northeast of Silver lake, Kenora district, Ont.

Markham; bay, northeast shore of Hudson strait, N.W.T.

Marmen; rock, east of Brandypot channel, St. Lawrence R., Temiscouata Co., Que.

Marmot; mountain, north of Observation peak, Rocky mountains, Alta.

Marpole; mount, also lakes, at headwaters of Yoho river, Kootenay district, B.C.

Marsh; lake, in the southern portion of Yukon, near Bennett and Tagish lakes.

Marshall Cove. See Port Lorne.

Marshall; lake, northeast of lake Nipigon, Thunder Bay district, Ont.

Mars Hill; post settlement, Carleton county, N.B. (Not Mar's Hill.)

Martel; post office, Russell county, Ont. (Not Martel Corners.)

Martel Corners. See Martel.

Marten; river, tributary to Rupert river, Mistassini district, Que.

Marten Drinking; river, emptying into Attawapiskat lake, Patricia, Ont.

Martimoki; lake, Saguenay county, Que. (Not Martimokinipau.)

Martin; lake, northeast of North lake, Kenora district, Ont.

Martin; lake, southeast of Humboldt bay, L. Nipigon, Thunder Bay district, Ont.

Martin; mountain, east of Lesser Slave lake, Alta.

Martin. See Martre.

Martineau; bay, Lorrain township, Timiskaming district, Ont.

Martineau; river, flowing southwesterly into Cold lake, central Alberta.

Martini; island, west of Moore point, southern coast of Digby I., Coast district, B.C.

Martins; valley, east of Chancellor peak, Rocky mountains, Kootenay district, B.C.

Martre (rivière à la); river, Christie township, Gaspe county, Que. (Not Martin river nor Rivière à la Marte.)

Mary; creek, tributary to Teslin river, near M'Clintock peak, Yukon.

Mary; point, Boxer reach, Coast district, B.C.

Mary; shoal, south of Great Duck island, Manitoulin district, Ont.

Mary. See Marina.

Mary Vaux; mount, south of southeast end of Maligne lake, Rocky mountains, western Alberta.

Mascabin; point, N. entrance Passamaquoddy B., Charlotte Co., N.B. (Not Mascarin.)

Mascareen; peninsula and village, Charlotte, N.B. (Not Mascarene nor Mascarren.)

Mascarin. See Mascabin.

Mashamengoose. See Mitchinamekus.

Masinabik; lake, S.E. of L. Nipigon, Thunder Bay dist., Ont. (Not Masinabikaigan.)

Maskwa; hill, on Battle river, west of Cutknife creek, central Saskatchewan.

Maskwa; river, tributary to Winnipeg river, Man. (Not Bear.)

Maspeck. See Mispeck.

Massasauga; point, west of Horse point, Ameliasburg Tp., Prince Edward Co., Ont.

Masstown; lightstation, fishing and post settlement, Cobequid bay, Colchester county, N.S. (Not Debert nor Mass Town.)

Matabechawan. See Matabitchuan.

Matabitchuan; river, flowing into L. Timiskaming below the mouth of Montreal R., Timiskaming district, Ont. (Not Matabechawan nor Matabitchouan.)

Matamik. See Lois.

Matapedia; lake, river and village, Matane and Bonaventure Cos., Q. (Not Metapedia.)

Matashi; river, headwaters of Gatineau river, Berthier county, Que.

Matawa. See Shamattawa.

Matchimanito; lake, southwest of Millie lake, Abitibi district, Que.

Matheson; island, W. of N. entrance to narrows of lake Winnipeg, Man. (Not Snake.)

Matheson; mount, also lake, north of Becher bay, Vancouver island, B.C.

Matheson; mount, on east side of Bennett lake, Yukon.

Matilda; lake, Redditt township, Kenora district, Ont.

Matinatinda. See Tendinenda.

Matsatu; river, tributary to Nahlin river, Cassiar district, B.C.

Mattagami; lake, Abitibi district, Que.

Mattagami; river, tributary to Moose river, Timiskaming district, Ont. (Not South Branch of Moose river.)

Mattawagosik; lake, south of Abitibi lake, Abitibi district. Que. (Not Island, Mattawagosig, nor Obadowagashing.)

Matthew; creek, tributary to St. Mary river, Kootenay district, B.C.

Matthews; point, Active pass, strait of Georgia, New Westminster district, B.C.

Mattice; lake, south of N.T. Ry., northwest of L. Nipigon, Thunder Bay district, Ont.

Mauger; beach, at entrance to Halifax harbour, Halifax county, N.S. (Not Meagher.)

Maunoir; butte, near confluence of Lewes and Teslin rivers, Yukon.

Maurelle; island, between "Hole in the wall" and Surge narrows, Coast district, B.C. The eastern portion of what was formerly Valdes island.

Maus; creek, E. of Kootenay R., south of Steele, Kootenay district, B.C. (Not Mouse.)

Maxwell; mount, Saltspring island, S.E. coast of Vancouver I., B.C. (Not Baynes.)

Maybank; post office, Huntingdon county, Que. (Not May Bank.)

Maybee. See Mabee.

Mayes; point, at N. end of Read I., Sutil channel, Coast district, B.C. (Not Mayor.)

Mayflower; island, at entrance to Thomas bay, Manitoulin island, Ont.

Maynard; lake, English river, Kenora district, Ont. (Not Maynard's.)

Mayne; island and post village, in the southern portion of the strait of Georgia, New Westminster district, B.C.

Mayo; brook and lake, tributary to Stewart river, Yukon.

Mayor. See Mayes.

Mazokama. See Kama.

Meacham; creek, tributary to St. Mary river, Kootenay district, B.C. (Not Caribou nor Whitefish.)

Meadow; creek, branch of Sulphur creek, Indian river, Yukon.

Meadow; creek and lake, tributary to Beaver river, central Saskatchewan.

Meadow. See Linklater.

Meadow. See Ripple.

Meagher. See Mauger.

Meander; brook, south of Eagle lake, Kenora district, Ont.

Mecatina. See Mekattina.

Medicine; river, tributary to Red Deer river, southern Alberta.

Medicine-lodge; hills, in Tp. 40, R. 2, W. 3 M., southern Alta. (Not Medicine Lodge.)

Medicine Lodge. See Lodge.

Medicine-stone; lake, south of Red lake, Patricia, Ont. (Not Medicine Stone.)

Meduxnekeag; river, tributary to St. John river, Carleton county, N.B. (Not Maduxnakeag nor Meduxnakeag.)

Medway; river, trib. to N. branch of Thames R., Middlesex Co., Ont. (Not Arva creek.)

Medway; seaport town, Queens county, N.S. (Not Port Medway nor Port Metway.)

Meehin; brook, flowing into Minas channel, Kings county, N.S. (Not Meehins.)

Meeting; lake, in the Thickwood hills, central Saskatchewan.

Megantic; county, lake, and village, Que. (Not Lake Megantic village.)

Meggisi; brook, tributary to upper Winisk R., below Tabasokwia R., Patricia, Ont.

Meggisi; lake, southwest of Anzhekumming L., Kenora dist., Ont. (Not Small Trout.)

Megiskun. See Migiskan.

Mehollan. See Mulholland.

Meholland. See Mulholland.

Meig; post office, Missisquoi county, Que. (Not Meig's Corners.)

Meig's Corners. See Meig.

Meisner; point, E. side Mahone bay, Lunenburg Co., N.S. (Not Meisener nor Misener.)

Mejomanguse. See Mitchinamekus.

Mekamic. See Makamik.

Mekattina; cape, islands, and river, Saguenay county, Que. (Not Mecatina, nor Little Mecattina river.)

Mekinak; lake, river, and township, Champlain county, Que. (Not Mekinac.)

Mekiscan. See Migiskan.

Meldrum; point, northwestern end of Manitoulin island, Manitoulin district, Ont. (Not Mildram nor Mildrum.)

Melfort; creek, post office, and railway station, central Sask. (Not Stony creek.)

Melon; lake, between Knife and Carp lakes, Int. boundary, Rainy River district, Ont.

Melville; arm, on northerly side of Prince Rupert harbour, Coast district, B.C.

Melville; island, Admiralty group, St. Lawrence river, Leeds county, Ont. (Not Hay.)

Melville; lake, expansion of Hamilton inlet, Ashuanipi dist., Q. (Not Groswater bay.)

Melville; point, south of Srigley bay, Manitoulin district, Ont.

Melville; shoal, E. of N.E. end of Amherst I., Frontenac Co., Ont. (Not Seven Acre.)

Menadou. See Mainadieu.

Menan. See Grand Manan.

Mendenhall; river, tributary to Takhini river, Yukon.

Menesatung; park, north of Goderich, Huron county, Ont.

Menikwesi; lake, west of Kawawia lake, Kenora district, Ont.

Menjobaguse. See Mitchinamekus.

Mennin; lake, S.E. of Dinorwic L., Kenora district, Ont. (Not Blueberry nor Shallow.)

Meogenes. See Manawagonish.

Merigomish; island and village, Pictou Co., N.S. (Not Big I. nor Merigomishe village)

Merion. See Mirond.

Merlin; lake, north of mount Richardson, Rocky mountains, Alta.

Mermaid; island, Admiralty group, St. Lawrence R., Leeds county, Ont. (Not Pine.)

Merriam; bay, west of Bayley bay, Basswood L., Int. boundary, Rainy R. district, Ont.

Mescoh. See Misko.

Maskwatessi; lake, east of Atikwa lake, Kenora district, Ont.

Mestowana; lake, northeast of Lost lake, Kenora district, Ont.

Metabetchouan; post office, river, and township, Chicoutimi county, Que. (Not Metabechouan.)

Metaghan. See Meteghan.

Metapedia. See Matapedia.

Metchiskan. See Migiskan.

Metchosin; mountain, west of Parry bay, Vancouver I., B.C. (Not Metchosin hill.)

Meteghan; river and village, Digby county, N.S. (Not Metaghan.)

Meteghan Station; post office, Digby county, N.S. (Not Metaghan.)

Metford; island, midway between Lima and Miller points, southern coast of Digby island, Coast district, B.C.

Methuen; reef, south shore Manitoulin island, Manitoulin district, Ont.

Methy; lake, south of File lake, Manitoba. (Not Long.)

Methye; lake, portage, and river, northern Sask. (Not La Loche nor Methy.)

Metis; lake, point, river, and village, Matane Co., Que. (Not Mitis nor Great Metis.)

Metiscan. See Migiskan.

Metlakatla; bay and village, Chatham sound, Coast district, B.C. (Not Melta Catla, Metla Catlah, Metlah Catlah, Metla-kathla, Methlakahtla, nor Metla-Katla.

Michael; bay and point, south shore of Manitoulin island, Manitoulin district, Ont.

Michael; lake, northwest of Kulleet bay, Vancouver island, B.C.

Michael; peak, President range, Rocky Mts., Kootenay district, B.C. (Not Michael's.)

Michagama. See Kitchigama.

Michaud; creek, tributary to Klondike river, Yukon.

Michaud; creek, west of Lower Arrow lake, Kootenay district, B.C.

Michepasque. See Mispek.

Michie; mount, east of lake Marsh, Yukon.

Michikamog; lake, northeast of Attawapiskat lake, Patricia district, Ont.

Michikenis; river, east of Wunnummin lake, upper waters of Winisk R., Patricia, Ont.

Michikenopik; brook, tributary to Pizustigwan river, upper Winisk R., Patricia, Ont.

Michipicoten; harbour, island, river, and village, Manitoulin district, Ont. (Not Michipicoton.)

Middle; creek, tributary to Tahltan river, Cassiar district, B.C.

Middle; mountain, near lower Stikine R., S. of Porcupine creek, Cassiar dist., B.C.

Middle; river, Pictou county, N.S. (Not Middle river of Pictou.)

Middle Br. Highwood R. See Pekisko creek.

Middle Br. West R. See Dalesville R.

Middlebrun; bay, channel, and island, S. entrance to Black B.,Thunder Bay dist., Ont.

Middle Caledonia. See Caledonia.

Middle Duck; island, south of Inner Duck island, Manitoulin district, Ont.

Middleport. See Tuscarora.

Middle Savage; islands, northwest of Pritzler harbour, Hudson strait, N.W.T. (Not islands of God's Mercie (eastern).

Middleton; island, at the mouth of Broadback river, Abitibi district, Que.

Middleton; mount, southeast of lake Evans, Abitibi district, Que.

Midjik; point, on east side of Passamaquoddy bay, Charlotte county, N.B. (Not Midgic, Midjic, nor Mijic bluff.)

Midnight; lake, Tp. 52, R. 16, W. 3 M., Saskatchewan.

Migiskan; river, flowing westerly from the height of land near sources of St. Maurice river into Shabogama lake, Abitibi district, Que. (Not Megiskun, Mekiscan, Metchiskan, nor Metiscan.)

Migoacha. See Maguasha.

Miguasha. See Maguasha.

Mijic. See Midjik.

Mikwasach; lake, west of Opemiska lake, Abitibi district, Que. (Not Wikwasash.)

Mildram. See Meldrum.

Mildrum. See Meldrum.

Mile; island, Brock group, St. Lawrence R. Leeds county, Ont. (Not Huckleberry.)

Mile. See Victoria.

Miles; canyon, on Lewes river, above Whitehorse rapid, Yukon.

Miles; point, Gabriola island, strait of Georgia, B.C. (Not Schooner.)

Milk; river, rises in Montana, and crossing the international boundary flows easterly through Alberta, thence southwesterly, recrossing the boundary, into Montana.

Mill. See Galt.

Millar; post office, Grenville county, Ont. (Not Millar's Corners.)

Millar's. See Riall.

Millar's Corners. See Millar.

Miller; creek, tributary to Sixtymile river, Yukon.

Miller; lake, southwest of Williams bay, L. Seul, Kenora district, Ont.

Miller; mount, west of Lewes river, Yukon.

Miller; point, western entrance point of Robinson cove, Big island, bay of Quinte, Prince Edward county, Ont. (Not Miller's.)

Miller; point, southeast coast of Digby island, Coast district, B.C.

Mille-Roches; post village, Stormont county, Ont.

Mille-Vaches; bay, point, and river, Saguenay Co., Que. (Not Saut de Mouton river.)

Millie; lake, northeast of Matchimanito lake, Abitibi district, Que.

Millstream; river, flowing easterly into Nipisiguit bay, Gloucester county, N.B. (Not Little Nipisiguit nor Nipisiguit Millstream.)

Milton; bank, southeast of Wells shoal, Bruce county, Ont.

Milton; island, N. of Wolfe I., St. Lawrence R., Frontenac Co., Ont. (Not Amazon.)

Milton; mount, east of Lewes river, Yukon.

Milton; point, between Lonely and Lougheed bays, Manitoulin island, Ont.

Milton; post office, Shefford county, Que. (Not Milton East.)

Milton; town and railway station, Halton county, Ont. (Not Milton West.)

Miltonbrae; post office, Gloucester county, N.B. (Not Milton Brae.)

Milton East. See Milton.

Milton West. See Milton.

Miminegash; river and village, Prince county, Prince Edward Island. (Not Big or North Miminigash, nor Minimegash.)

Miminiska; lake, Albany river, Patricia and Thunder Bay districts, Ont.

Mimominatik; brook, emptying into Kapkichi lake, upper Winisk R., Patricia, Ont.

Minago; river, emptying into Cross lake, Manitoba. (Not Pine.)

Minaret; col. and peak, Sir Sandford range, Selkirk Mts., Kootenay district, B.C.

Minas; basin, east arm of the bay of Fundy, Colchester, Cumberland, Hants, and Kings counties, N.S. (Not Basin of Mines nor Mines Basin.)

Mindemota; river, emptying into Providence bay, Manitoulin I., Manitoulin dist., Ont.

Mineral; creek and town, north of Caribou creek, Kootenay district, B.C.

Mineronte. See Mirond.

Miners; range of mountains, near lake Laberge, Yukon.

Mines basin. See Minas basin.

Minette; bay, Kitimat arm, Coast district, B.C.

Minimegash. See Miminegash.

Minimegash. See Roseville.

Ministik; lake, in Tp. 50, R. 21, W. 4th M., Alberta.

Ministikwan; lake, west of Makwa lake, central Sask. (Not Little Island lake.)

Minitonas; creek, hill, post office, and railway station, western Manitoba.

Mink; reef, Manitoulin island, northwest of Steevens island, Manitoulin district, Ont.

Mink. See Ninette.

Minnaweiskag; lake, S. of Dinorwic L., Kenora dist., Ont. (Not Kaminnaweiskagwok.)

Minnedosa; river, tributary to Assiniboine river, western Manitoba (Not Little Saskatchewan nor Rapid.)

Minnehaha; lake, north of Peak lake, Kenora district, Ont. (Not Kiskopkechewans.)

Minnesabik; lake, south of Separation lake, Kenora district, Ont.

Minnewakan; post village, Posen municipality, Manitoba.

Minnewanka; lake, in the Rocky Mountains park, Alberta. (Not Devil's Head.)

Minnie Bell; creek, tributary to Flat creek, Klondike river, Yukon.

Minnikau; river, east of Minnitaki lake, Kenora district, Ont.

Minnitaki; lake and railway station, Kenora district, Ont. (Not Minnietakie.)

Mint; creek, branch of Hunker creek, Klondike river, Yukon.

Minto; mount, west of Atlin lake, near north end, Cassiar district, B.C.

Miquelon; lake, in Tp. 49, Rs. 20 and 21, W. 4th M., Alberta.

Miramichi; bay and river, Northumberland county, N.B. (Not Mirimichi.)

Mire. See Shunda.

Mirimichi. See Miramichi.

Miron; lake, headwaters of Sturgeon-weir river, eastern Saskatchewan. (Not Heron, Merion, Mineronte, nor Stone.)

Mirror; lake, west of lake Louise, Alberta.

Misamikwash; lake, west of Wunnummin lake, upper waters of Winisk river, Patricia district, Ont.

Miscou; island, harbour, point, Gloucester Co., N.B. (Not Miscow, Mya, nor N. Mya.)

Misener. See Meisner.

Misery; bay and point, south shore Manitoulin island, Manitoulin district, Ont.

Mishomis; lake, southwest of Grand lake Victoria, Pontiac county, Que.

Misinabi. See Missinaibi.

Miskatla; Indian village, Douglas channel, opposite Maitland island, Coast district, B.C. (Not Mis-ka-tla.)

Miskittenau; lake, at headwaters of Rupert river, Mistassini district, Que.

Misko; creek, tributary to Ottertail R., Rocky Mts., Kootenay dist., B.C. (Not Mescoh.)

Miskwabi; lake, Dudley township, Haliburton county, Ont. (Not Mis-quah-be- nish.)

Mispec. See Mispek.

Mispeck. See Mispek.

Mispek; post settlement and river, St. John county, N.B. (Not Maspeck, Michepasque, Mispec, Mispeck, Misshapec nor Mizpeck.) Jeffery's map of 1755 has 'Mispek.'

Mis-quah-be-nish. See Miskwabi.

Missaguash; river, emptying into Cumberland bay, Westmorland county, N.B. (Not Misseguash, Missiguash, nor Missiquash.)

Missanabie. See Missinaibi.

Missawawi; lake, south of L. LaBiche, central Alberta. (Not Big Egg.)

Misseguash. See Missaguash.

Misshapec. See Mispek.

Missiguash. See Missaguash.

Missinaibi; lake and railway station, Algoma district, also river flowing from the lake into Moose river, Algoma and Timiskaming districts, Ont. (Not Misinabi nor Missanabie.)

Missinnippi. See Churchill

Mission; bay, and channel (southern) of Kaministikwia river, Thunder Bay district, Ont. (Not Mission river.)

Mission; mountain, Tsimpsean peninsula, W. of Prince Rupert har., Coast dist., B.C.

Mission; pass, between Bridge river and Seton lake, Lillooet district, B.C.

Missipisew; river, tributary to Grass river, Manitoba.

Missiquash. See Missaguash.

Mississagi; bay, island, river, and strait, at north end of lake Huron, Algoma and Manitoulin districts, Ont. (Not Mississauga.)

Mississagua; brook and lake, Peterborough county, Ont. (Not Gull lake.)

Mist: creek and mountain, Misty range, southern Alberta.

Mista; a peak of the Valkyr mountains, Kootenay district, B.C.

Mistake; mountain, northwest of L. Laberge, Yukon.

Mistassibi; river, tributary to Mistassini river, Lake St. John county, Que. (Not Muskosibi.) Reversal of previous decision.

Mistassini; district and lake, Quebec.

Mistassinis. See Albanel.

Mistawak; lake, W. of Harricanaw R., Abitibi, Que. (Not Mistewak nor Mistowak.)

Mistaya; river, at headwaters of Saskatchewan river, Alta. (Not Little Fork of the Saskatchewan nor Bear creek.)

Mistigouche. See Mistikus.

Mistigougèche. See Mistikus.

Mistikus; lake, Rimouski county, Que. (Not Mistigouche nor Mistigougèche.)

Misty; range of mountains, northwest of Highwood range, southern Alberta.

Mitchell; bay and point, L. St. Clair, Kent county, Ont. (Not Mitchell's.)

Mitchell Bay; post village, Kent county, Ont. (Not Mitchell's Bay.)

Mitchell; range of mountains, east of Kootenay river, Kootenay district, B.C.

Mitchinamekus; lake and river, headwaters of Lièvre river, Berthier, Champlain, Maskinonge, and St. Maurice counties, Que. (Not Mashamengoose, Mejomanguse, nor Menjobaguse.)

Mitis. See Metis.

Mitishto; river, tributary to Grass river, below Wekusko lake, Manitoba.

Mizpeck. See Mispek.

Moberly; creek, west of Lower Arrow lake, Kootenay district, B.C.

Moberly; lake and river, tributary to Peace R., Cariboo, B.C. (Not Moberley.)

Moberly; mount, east of Athabaska river, 17 miles above mouth of Whirlpool river, western Alberta.

Moberly; peak, and railway station, Rocky mountains, Kootenay district, B.C.

Mohawk; post settlement and railway station, Brant Co., Ont. (Not Mt. Pleasant.)

Moira; river, emptying into the bay of Quinte, near Belleville, Hastings county, Ont.

Moisie; bay, point, river, rock, and shoal, Saguenay Co., Que. (Not Moisi nor Moisic.)

Mokowan; butte, east of Belly river, southern Alberta. (Not Belly.)

Mokwawastuk; lake, at headwaters of Marten river, Mistassini district, Que. (Not Mokwahwastuk.)

Molar; mountain, northeast of mount Hector, Rocky mountains, Alberta.

Molesworth. See Lois.

Moloch; mount, southeast of Mt. Holway, Selkirk Mts., Kootenay district, B.C.

Molus; river, tributary to Richibucto river, Kent county, N.B. (Not Moulie's.)

Momozekel. See Mamozekel.

Monckland; post village and railway station, Stormont county, Ont. (Not Moncklands, Monklands, nor Moncklands Station P.O.)

Mondonak; lake and river, upper waters of Manuan river, Champlain county, Que.

Monell; reef, at entrance to Wood bay, Manitoulin island, Manitoulin district, Ont.

Money; point, on the southerly portion of Hawkesbury island, Coast district, B.C.

Mongus; lake, near Manitou lake, Kenora district, Ont.

Monk; lake, Cardiff township, Haliburton county, Ont.

Monklands. See Monckland.

Monmouth; lake, Monmouth township, Haliburton county, Ont.

Monquart; river, tributary to St. John river, Carleton county, N.B. (Not Manquart nor Munquart.)

Monroe; creek and lake, near Moyie lake, Kootenay district, B.C.

Monson; mount, west of Lewes river, Yukon.

Montague; lake, Tp. 6, R. 29, W. 2 M., Saskatchewan.

Monté; creek, hills, and lake, south of Duck's station, Yale district, B.C.

Monts (pointe des); point, Saguenay county, Que. See also Pointe-des-Monts.

Monsomshi; lake, on Severn river, Patricia, Ont. (Not Mon-som-shi-pin-net.)

Montague; lake, Skead township, Timiskaming district, Ont.

Montague; village, Kings county, Prince Edward Island. (Not Montague Bridge.)

Montana; creek, tributary to Yukon river, above Dawson, Yukon.

Montebello; railway station and village, Ottawa county, Que. (Not Monte Bello.)

Montée-du-Lac; cove and landing, on the St. Lawrence, west of Cap Brulé, also road leading from thence to St. Joachim lakes, Montmorency county, Que.

Montée du Lac. See Cap Brulé.

Montgomery. See McCoy.

Montgomery. See Young.

Montreal; channel, west of Edward island and south of entrance to Black bay, Thunder Bay district, Ont.

Montreal; lake and river, south of Churchill river, central Sask. (Not Rapid river.)

Montreal; river, flowing southeasterly into L. Timiskaming, Ont.

Montrose; cape, Markham bay, Hudson strait, N.W.T.

Monumental; island, southeast of Clements Land, N.W.T.

Moody; point, Boxer reach, Coast district, B.C.

Moonshine. See Uphill.

Moore; lake, Lutterworth township, Haliburton county, Ont. (Not Moore's.)

Moore; point, southerly coast of Digby island, Coast district, B.C.

Moore; post village, Lambton county, Ont. (Not Mooretown.)

Moore; rock, Blunden harbour, Queen Charlotte sound, Coast district, B.C.

Moose; creek, tributary to Fortymile river, near international boundary, Yukon.

Moose; island, Fisher bay, L. Winnipeg, Man.

Moose; lake, north of Cedar lake, Manitoba.

Moose; lake and portage, on international boundary, Thunder Bay district, Ont.

Moose; mountain, also Moose Mountain creek and post office, southeastern Sask.

Moose. See Bonald.

Moosehorn; bay and lakes, east shore of L. Manitoba, Man. (Not Moose Horn.)

Moosehorn; lake, west of Grand lake Victoria, Pontiac county, Que.

Moosejaw; creek and town, Sask. (Not Moose Jaw.)

Moosehide; creek and mountains, near mouth of Klondike river, Yukon.

Mooshaulagan. See Mushalagan.

Mooyie. See Moyie.

Moraine; lake, south of mount Temple, Alta.

Moran. See Moras.

Moras; island, at mouth of Nicolet river, Nicolet county, Que. (Not Moran.)

Moreau; islet, southern of 3 rocky islets in the St. Lawrence, off St. Germain, Kamouraska county, Que .

Morgan; lake, south of Silver lake, Kenora district, Ont.

Morice; lake and river, tributary to Bulkley river, Coast district, B.C. (Not Morrice.)

Moricetown; village, on Bulkley river, Coast district, B.C. (Not Morricetown.)

Morin; creek, flowing northeasterly into Meadow creek, central Sask. (Not Bear.)

Morin; shoal, centre of channel about 8 miles above Hare island, St. Lawrence river, Que.

Morley; river, emptying into Teslin lake, Yukon.

Morrice. See Morice.

Morricetown. See Moricetown.

Morris; river, tributary to Red river, Man. (Not Boyne, Ile de Bois nor Scratching.)

Morris; town, in southern Manitoba.

Morrison; mount, on Yukon river, near international boundary, Yukon.

Morse; basin, east of Kaien island, Coast district, B.C.

Morse; creek, Prince Rupert, Coast district, B.C.
Morse; mount, south of Tuck inlet, Coast district, B.C.
Moresby; island and passage, in the north end of Haro strait, B.C.
Moses Oates; cape, Charles island, Hudson strait, Ungava, Que.
Mosher; creek and ridge, west of Beaverhill creek, Yale district, B.C.
Mosher; island and point, E. side St. Margaret bay, Halifax Co., N.S. (Not Grampus.)
Mosquito; creek, tributary to Columbia river, Kootenay district, B.C.
Mosquito; creek, tributary to Bonanza creek, Yukon.
Mossy; river, flowing from Dauphin lake to L. Winnipegosis, Man.
Mouat; channel and reef, off southeast point of Vancouver island, B.C. (Not Mouatt.)
Mouat; islands, off S.W. coast of Texada I., New Westminster dist., B.C. (Not Mouatt.)
Mouat; point, W. point of Pender I., New Westminster dist., B.C. (Not Mouatt.)
Mouat; rock, in Goletas channel, northern coast of Vancouver I., B.C. (Not Mouatt.)
Mouatt. See Mouat.
Mouchalagan. See Mushalagan.
Mouile. See Mouillée.
Mouille. See Mouillée.
Moulie's. See Molus.
Mouillée; point, in St. Lawrence R., Glengarry Co., Ont. (Not Mouile nor Mouille.)
Mountain; lake, southwest of lake Lindeman, Cassiar district, B.C. (Not Long lake.)
Mountain; lake on international boundary, Thunder bay district, Ont.
Mountain. See Cliff.
Mountain. See Liard.
Mountain. See Watchi.
Mount Johnson; post office and railway station, Iberville Co., Que. (Not St. Grégoire.)
Mt. Pleasant. See Mohawk.
Mourier; lake, Desroberts township, Abitibi district, Que. (Not Wikwaskapauk.)
Mouse. See Maus.
Moyie; lake, river, and town, in S.W. portion of Kootenay dist., B.C. (Not Mooyie.)
Muchuya; creek, tributary to Kakuchuya river, Cassiar district, B.C.
Mud; glacier, northeast of mount Purity, Selkirk mountains, Kootenay district, B.C.
Mud. See Chilako.
Mud. See Gillies.
Mud. See Kabagukski.
Mud. See Mance.
Mud. See Rose.
Muddy. See Pikitigushi.
Muddy Water. See Apeganau.
Mudge; island, between Gabriola and Vancouver islands, B.C.
Mudie; lake, south of Beaver river and north of Ministikwan lake, central Sask.
Mudjatik; river, tributary to Churchill river, north of Ile à la Crosse, Sask. (Not Caribou nor Mudjatick.)
Muhigan; river, emptying into Sipiwesk lake, Man. (Not Wolf nor Wolf Rand.)
Muirkirk; railway station and village, Oxford Tp., Kent Co., O. (Not Muir Kirk.)
Muir; creek, flowing into Juan de Fuca strait, also mountain, Vancouver island, B.C.

Mukoman; river, tributary to Churchill river, Saskatchewan.

Mulcaster; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Sugar.)

Mulholland; point, Campobello island, Charlotte county, N.B. (Not Mulholland's, Meholland, nor Mehollan.).

Mulvey; creek, tributary to Slocan river, Kootenay district, B.C.

Mummery; mountain, west of Blaeberry river, Rocky Mts., Kootenay district, B.C.

Munosahn. See Manasan.

Munquart. See Monquart.

Munro; creek, emptying into Gladys lake, Cassiar district, B.C.

Munro; mount, east of Atlin lake, Cassiar district, B.C.

Munro; point, St. Ann harbour, Victoria county, N.S. (Not Munroe nor Munro's.)

Munroe Mills; post office, Glengarry Co., Ont. (Not Munro's Mills nor Munroe's Mills.)

Murchison; cape, southeast end of Brevoort island, N.W.T.

Murchison; island, L. Nipigon, Thunder Bay district, Ont. (Not Murchison's.)

Murchison; mount, also icefield, east of Mistaya river, Rocky mountains, Alta.

Muriel; lake, Tps. 59 and 60, R. 5, W. 4 M., eastern Alberta.

Murphy; harbour and point, south shore of Manitoulin I., Manitoulin district, Ont.

Murphy; lakes, north of Tulameen river, Yale district, B.C. (Not Eagle nor Fish.)

Murray Bay (Eng. usage), **Malbaie** (Fr. usage); village, Charlevoix county, Que. (Not Mal Bay, Malbay, nor Malbaye.)

Murray; canal, in Murray and Brighton townships, connecting the bay of Quinte with Presqu'ile bay, Northumberland county, Ont.

Murray; creek, tributary to Sutherland river, south of Lesser Slave lake, central Alta.

Murray; island, St. Lawrence river, below Brockville, Leeds county, Ont.

Murray; island, Cold lake, central Alberta and Saskatchewan.

Murray; lake, east of Jackfish lake, central Saskatchewan.

Murray; point, Markham bay, Hudson strait, N.W.T.

Murray; reef, southwest of Dead island, also rocks south of Dead island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Murray; river, tributary to the St. Lawrence, Charlevoix county, Que. French usage: Malbaie (rivière), which see.

Muscote; bay, off Big bay, S.W. side of the bay of Quinte, Prince Edward Co., Ont.

Mushalagan; lake, Saguenay county, Que. (Not Mooshaulagan nor Mouchalagan.)

Muskiki; lake, north of Dana, Sask. (Not Houghton.)

Muskoka; lake and river, Muskoka district, Ont.

Muskosibi. See Mistassibi.

Muskrat. See Manigotagan.

Muskwaro; point and river, Saguenay county, Que. (Not Musquarro.)

Muskwesi; river, flowing into north end of Southern Indian lake, Sask.

Mussen; mount, near southern end of Atlin lake, Cassiar district, B.C.

Mutchmore; point, south shore Manitoulin island, Manitoulin district, Ont.

Mya; point, Shippigan island, Gloucester county, N.B. (Not South Mya.)

Mya. See Miscou.

Myers; island, southwest of Lynedoch island, St. Lawrence river, Leeds county, Ont.

Myers; point, Sidney township, Hastings county, Ont.

Myles; shoal, opposite Kingston, Frontenac county, Ont. (Not Royal George.)
Myra; cove and island, Blind bay, Halifax county, N.S. (Not Myra's.)
Mystery; lake, southwest of Cliff lake, Kenora district, Ont.

N

Na-a-ma. See Nemaia.
Naas. See Nass.
Nabesipi. See Nabisipi.
Nabesippi. See Nabisipi.
Nabisipi; river, north shore gulf of St. Lawrence, Saguenay county, Que. (Not Nabesipi nor Nabesippi.)
Nacawicac. See Nackawic.
Nackawic; river and village, York county, N.B. (Not Nacawicac nor Nackawick.)
Nadahini; river, tributary to Chilkat river, Cassiar district, B.C.
Nadina; mountain, and river flowing into Français lake from the west, Coast district, B.C. (Not Nadinaka river nor Nadinako river.)
Nahlin; river, tributary to Inklin river, Cassair district, B.C.
Nahoni; mountains, also lakes (upper, lower and middle), at headwaters of Porcupine river, Yukon. (Not Nahone.)
Nainlin; brook, tributary to lower Gravel river, Mackenzie, N.W.T.
Najan; river, tributary to St. Maurice river, above Manuan river, Champlain Co., Que.
Najualand. See Najwalwank.
Najwalwank; lake, Quebec county, Que. (Not Kajoualwang nor Najualand.)
Nakimu; caves, in valley of Cougar creek, Selkirk mountains, Kootenay district, B.C.
Nakina; river, tributary to Taku river, Cassiar district, B.C.
Nakonake; river, tributary to Sloko river, Cassiar district, B.C.
Nakusp; creek, railway terminus, and town, east side of Upper Arrow lake, Kootenay district, B.C. (Not Na-Kusp.)
Nalta. See Fraser
Naltesby; lake, on telegraph trail, N. of Chilako R., Cariboo dist., B.C. (Not Bobtail.)
Namaka; lake, post office, and railway station, southern Alberta.
Namakan; lake, S.E. of Rainy L. Int. boundary, Rainy R. dist., Ont. (Not Nameukan.)
Namawash; lake, upper Ottawa R., northwest of Grand L. Victoria, Pontiac Co., Que.
Namego; lake, south of Separation lake, Kenora district, Ont.
Namegos; lake, south of Matchimanito lake, Montcalm Co., Que. (Not Nemegos.)
Namegosis; lake, south of Matchimanito lake, Montcalm Co., Que. (Not Nemegosis.)
Nameiben; lake, north of Kagianagami lake, Thunder Bay district, Ont.
Nameins; rapids, upper Winisk river, Patricia district, Ont.
Nameukan. See Namakan.
Namew; lake, northeast of Cumberland lake, Sask. (Not Sturgeon.)
Namiska. See Nemiskau.
Namoukan. See LaCroix.
Nanaimo; harbour, river, and town, Vancouver island, B.C.

Nankika; lake, northwest of Attawapiskat lake, Patricia district, Ont.

Nankivell; islands, Blunden harbour, Queen Charlotte sound, Coast district, B.C.

Nankivell; point in Nanoose harbour, east coast of Vancouver island, B.C.

Napetipi; river, north shore gulf of St. Lawrence, Saguenay county, Que.

Nares; lakes between Bennett and Tagish lakes, Yukon.

Nares; mount, east of north end of Bennett lake, Yukon.

Nares; point, Departure bay, east coast of Vancouver island, B.C. (Not Boulder.)

Narchilla; brook, emptying into McPherson lake, Yukon.

Narrow. See Bagot.

Narrow. See Wallace.

Nasoga; gulf, eastern side of Portland inlet, Coast district, B.C. (Not Nasoka.)

Nass; bay and river, north of Skeena river, Cassiar district, B.C. (Not Naas, Nasse, nor Naas harbour.)

Natashkwan; harbour, point, and river, Saguenay county, Que. (Not Englishman's nor Natashquan nor Little Natashquan harbour.)

Natchipotchi; lake, at head of Etchipotchi R., Abitibi dist., Que. (Not Natchipoishi.)

Nation. See Petite Nation.

Nation. See South Nation.

Natla; river, tributary to Gravel river, N.W.T.

Naumulten; mountain, east of head of Lower Arrow lake, Kootenay district, B.C.

Nauyats; island, southeast shore Ungava bay, Que.

Navy; group of islands, St. Lawrence river, below Gananoque, Leeds county, Ont.

Navy; island, Bedford basin, Halifax harbour, Halifax county, N.S. · (Not Stephens nor Stevens.)

Nawapitechin. See Villemontel.

Neal. See Neil.

Neale; lake, northeast of Lloydminster, Sask.

Nechako; river, tributary to Fraser river, Cariboo and Coast districts, B.C. (Not Nechaco nor Nechacco.)

Nechigona; lake, at headwaters of Berens river, Patricia district, Ont. (Not Hair.)

Neck; point, north entrance to Hammond bay, S.E. coast of Vancouver island, B.C.

Nedluk; lake, west of Koksoak river, Ungava, Que.

Needle; mountain, between the "big bends" of Watson and Wheaton rivers, Yukon.

Needles Eye; island, Brock group, St. Lawrence river, Leeds county, Ont.

Negik; lake, south of Churchill river and east of Pelican narrows, Sask.

Neil; harbour, Cape Breton county, N.S. (Not Neal, Neals, nor Neil's.)

Neilson; island, southeast of Stone island, Clayoquot sound, Vancouver island, B.C.

Nelles; post office, Haldimand county, Ont. (Not Nelles Corners nor Nelles' Corner.)

Nelles Corners. See Nelles.

Nello; river, headwaters Klondike river, Yukon.

Nelly; point, on the northwest portion of Princess Royal island, Coast district, B.C.

Nelson; lake, on Churchill river, Manitoba.

Nelson; lake, west of Edgar lake, Cassiar district, B.C.

Nelson; mount, at head of Clearwater and Hammond creeks, west of Windermere lake, Kootenay district, B.C. (Not Hammond.)

Nelson; river, flowing from lake Winnipeg into Hudson bay, Manitoba. The two channels by which it drains the lake are East channel and West channel. (Not East river and West river.)

Nelson. See Fort Nelson.

Nemaia; lake and valley, northeast of Chilko lake, Coast and Lillooet districts, B.C. (Not Na-a-ma.)

Nemegos. See Namegos.

Nepisiguit. See Nipisiguit.

Nemei; river, tributary to Churchill R., below Reindeer R., Sask. (Not Sturgeon.)

Nemeiben; bay, lake, and river, L. LaRonge, Saskatchewan.

Nemeibennuk; lake, W. of Anzhekumming L., Kenora district, Ont. (Not Sucker.)

Nemeigusabins; lake, near the upper waters of Winisk river, Patricia, Ont.

Nemikachi; lake, near the upper waters of Lièvre river, Maskinongé county, Que. (Not Nemicachingue.)

Nemiskau; lake, expansion of Rupert R., Mistassini district, Que. (Not Namiska.)

Nemo; creek, west of Slocan lake, Kootenay district, B.C.

Ne-na-tik-go. See Ninatigo.

Nepigon. See Nipigon.

Nepihjee. See Leaf.

Nepisiguit. See Nipisiguit.

Nepopekum; creek, tributary to Skagit river, Yale district, B.C.

Neptuak; mountain, northwest of Deltaform Mt., Rocky Mts., Alta. and Kootenay, B.C.

Neptune Head; point, at entrance to Stupart bay, Hudson strait, Ungava, Que.

Nequaqon. See LaCroix.

Nesto. See Hippa.

Neston; lake, west of lake Devizes, Thunder Bay district, Ont .

Net; lake, Cassels and Strathy townships, Nipissing district, Ont.

Net Setting. See Setting.

Netley; creek and lake, south of lake Winnipeg, Man. (Not Nettly nor Nipuwin.)

Netley; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Neutral; hills, west of Sounding lake, southeastern Alberta.

Nevin; mount, west of Hendon river, Cassiar district, B.C. and Yukon.

Newagama; lake, southeast of Abitibi lake, Pontiac county, Que.

Newburg; post village and Ry. station, Carleton Co., N.B. (Not Newburg Junction.)

Newburg Junction. See Newburg.

New Canaan; post office, Kings county, N.S. (Not Canaan.)

Newell; sound, southwest shore of Frobisher bay, N.W.T. (Not Kangerflung.)

New Galloway. See Galloway.

New Galway. See Galloway.

New Liskeard. See Liskeard.

Newman; peak, Tp. 3, R. 1, W. 5 M., southern Alberta. (Not Newman's.)

Newmarket; post village, York county, N.B. (Not New Market.)

Newross; post office, Dundas county, Ont. (Not New Ross.)

Newton; fiord, Frobisher bay, N.W.T. (Not Tornait.)

Newton. See Newtown.

Newtown; village, Kings county, N.B.

Newtown; village, Guysborough county, N.S. (Not Newton nor New Town.)

New Wiltshire. See Wiltshire.

New Zealand; creek, tributary to Indian river, Yukon.

Niagara; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Nibinamik; lake, southwest of Wapikopa lake, upper Winisk river, Patricia, Ont.

Niblock; mount, also pass, northeast of Popes peak, Alta.

Nicholas; islets, northeast of Vansittart island, Queen Charlotte sound, Coast district, B.C. (Not Nicolas.)

Nickadow. See Nigadu.

Nicol; lake, Lorrain township, Timiskaming district, Ont.

Nicolas. See Nicholas.

Nictau; village, at the forks of Tobique river, Victoria county, N.B.

Nictor; lake, headwaters of Tobique river, Restigouche county, N.B.

Nictor. See Tobique.

Niddery; islands, northeast of Lynedoch island, St. Lawrence river, Leeds county, Ont.

Nidhe; brook, tributary to Gravel river, above Ekwi river, N.W.T.

Nigadu; river and village, Gloucester Co., N.B. (Not Nickadow, Nigado nor Nigadoo.)

Niganishe. See Ingonish.

Nigei; island, near northwest end of Vancouver island, B.C. (Not Galiano.) To avoid duplication. See Galiano island, strait of Georgia.

Nigger; island, between Belleville and Trenton; Hastings county, Ont.

Nigger; narrows, bay of Quinte, Hastings county, Ont. (Not Nigger island narrows.)

Nikabau; lake and river, headwaters of Ashuapmuchuan river, Chicoutimi county, Que.

Nikanassin; range of mountains, extending from the upper end of Brulé lake on Athabaska river to the north branch of Brazeau river, Alta.

Niles; mount, southeast of mount Balfour, Kootenay district, B.C.

Nimpkish; lake and river, in northwest portion of Vancouver island, B.C. (Not Karmutsen lake nor Kla-anch river.)

Nimrod; lake, southwest of Bakado lake, Kenora district, Ont.

Ninatigo; lake, Stanhope township, Haliburton county, Ont. (Not Ne-na-tik-go.)

Ninemile; point, also Ninemile Point lightstation, southwest end of Simcoe island, Frontenac county, Ont. (Not Gage.)

Ninette; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Mink.)

Niord; mountain, west of Slocan lake, Kootenay district, B.C.

Nipigon; bay, lake, river, and railway station, Thunder Bay district, Ont. (Not Nepigon nor Neepigon.)

Nipisiguit Millstream. See Millstream river.

Nipisiguit; lake and river, emptying into the bay of same name, Gloucester county, N.B. (Not Nepisiguit, Nipisiquit, nor Nipisghit.)

Nipmenanni; river, a tributary of Shoshokwan river, upper Ottawa, Pontiac county, Que. (Not Nipmenane.)

Nipple; mountain, east of Frances lake, Yukon.

Nipukatasi; river, emptying into Kenoniska lake, southeast of lake Evans, Abitibi district, Que. (Not Nipukatase.)

Nipuwin. See Netley.

Nisconlith. See Niskonlith.

Niskainlith. See Niskonlith.

Niskitogisew. See Kiskittogisu.

Niskonlith; Indian reserve, lake, and river, southwest of Little Shuswap lake, Yale district, B.C. (Not Nisconlith nor Niskainlith.)

Nisling; river, tributary to White river, east of Wellesley lake, Yukon. (Not Tahte.)

Nistowasis. See Threepoint.

Nisutlin; river, emptying into Teslin lake, Yukon.

Nith; river, flowing into Grand river, Brant, Oxford and Waterloo counties, Ont. (Not Smith's creek.)

Niut; range of mountains, on the western side of Tatlayoko lake, Coast district, B.C.

Nixon. See Towincut.

Noddawai. See Nottaway.

Nodway. See Nottaway.

Noel; harbour, Crooks inlet, Hudson strait, N.W.T.

Noel. See Nowell.

Nogold; creek, tributary to Stewart river, Yukon.

Noire (rivière); river, flowing into the St. Lawrence below St. Siméon, Charlevoix Co., Que.

Noix (île aux); island, Richelieu river, St. Johns county, Que. (Not Fort Lennox.)

Nolin; island, at junction of Attawapiskat and Boulder rivers, Patricia, Ont.

Nomining; lake, post office, and railway station, Ottawa Co., Que. (Not Nominingue.)

Nonwatin; lake and river, tributary to Black Sturgeon river, south of L. Nipigon, Thunder Bay district, Ont. (Not Nonwatan.)

Nonwatinose; lake, on Black Sturgeon R., S. of L. Nipigon, Thunder B. district, Ont.

Noolki. See Nulki.

Noores. See Bath.

Norbury; lakes, east of Kootenay R., S. of Steele, Kootenay district, B.C. (Not Fish.)

Nordegg; river, tributary to Brazeau river, central Alberta. (Not Little Brazeau.)

Nordenskiöld; river, tributary to Lewes river, Yukon.

Norns; mountains, southeast of Airy mountain, Kootenay district, B.C.

Norquay; mount, northwest of Banff, Alta.

Norse; lake, north of Rosamond lake, Kenora district, Ont. (Not Nurse.)

North; bay, north shore of Hudson strait, N.W.T.

North; channel, between Manitoulin I. and N. shore of L. Huron, Manitoulin dist., Ont.

North; lake on international boundary, Thunder Bay district, Ont.

North; lake, Harburn township, Haliburton county, Ont.

North See Gladys.

North. See Hall.

North. See Langara.

North. See Old Factory.

North Albert; peak, northwest of Albert peak, Selkirk Mts. Kootenay district, B.C.

North Antler. See Gainsborough.

North Corner. See Norths.

North Cornwall. See Cornwall.

North Devon. See Devon.

North Duck; river, flowing easterly and northerly to Duck bay, lake Winnipegosis, Man. (Not Duck River North.)

North Branch (Kicking Horse R.) See Amiskwi.

Northeast; bay, Shabogama lake, Abitibi district, Que.

Northfield. See Hennigar.

North Foreland. See Long.

North Foreland. See Queen Elizabeth.

North Fork. See Yoho.

North Fowl; lake, on international boundary, Thunder Bay district, Ont. (Not Hen.)

North Heart; river, tributary to Peace river, below Smoky river, Alberta.

North Lincoln. See Ellesmere.

North Lizard. See Rowe.

North Mya. See Miscou.

North Nation. See Petite Nation.

North Peak. See Garibaldi hill.

North Porpoise. See Ridley.

Northport; shoal and village, Sophiasburg township, Prince Edward county, Ont.

North Rustico; lightstation and post village, Queens Co., P.E.I. (Not Grand Rustico.)

Norths; post village, Kings county, N.S. (Not North Corner.)

North Skeena. See Inverness.

North Somerset. See Somerset.

North Star; hill, north of St. Mary river, Kootenay district, B.C.

Northumberland; channel, between Gabriola and Vancouver islands, B.C.

Northumberland. See Cumberland.

North Vermilion; settlement, on north side of Peace river, Alta.

Northwest Angle; also Northwest Angle inlet, Lake of the Woods, international boundary, Man., Ont. and U.S.

North Wiltshire. See Wiltshire.

North Wind; lake, southeast of Humboldt bay, L. Nipigon, Thunder Bay district, Ont. (Not North Wing.)

Norway; island, northeast of Kuper island, southeast coast of Vancouver I., B.C.

Notre-Dame-du-Portage; post village, Temiscouata county, Que.

Nose. See Ribstone.

Nottaway; river, flowing from Mattagami lake into James bay, Abitibi district, Que. (Not Noddawai nor Nodway.)

Notukeu; creek, flowing easterly into Wood river, southern Saskatchewan.

Novelist. See Palmer.

Nowell; channel, in easterly portion of Queen Charlotte sound, B.C. (Not Noel.)

Noyes; mount, southeast of Waterfowl lakes, Rocky Mts., Alta.

Nozheiatik; lake, east of Anzhekumming lake, Kenora district, Ont.

Nubble; mount, Goschen island, Hecate strait, Coast district, B.C.

Nulki; lake, on telegraph trail, south of Nechako R., Coast dist., B.C. (Not Noolki.)

Numnekaning. See Nunikani.

Nunikani; lake, Sherborne township, Haliburton county, Ont. (Not Numnekaning.)

Nuns; island, in the St. Lawrence, near Montreal, Hochelaga county, Que. (Not Nun nor St. Paul.)

Nurse. See Norse.

Nut; lake and mountain, also Nut Mountain, post office, eastern Saskatchewan.

Nutt; post office, Missisquoi county, Que. (Not Nutt's Corners.)

Nutt's Corners. See Nutt.

Nyarling; river, tributary to Little Buffalo river, south of Great Slave lake, N.W.T.

O

Oak; lake, English river, above Maynard lake, Kenora district, Ont.

Oak; lake, Methuen township, Peterborough county, Ont.

Oak; point, also Oak Point village, west shore of lake Manitoba, Man.

Oakbank; post village, east of Winnipeg, Man. (Not Oak Bank.)

Oakland. See Slaughenwhite.

Oakville; creek, railway station, and town, Halton Co., Ont. (Not Sixteen Mile creek.)

Obadowagashing. See Mattawagosik.

Obalski; lake, Bearn, Castagnier, Dalquier and Duverny townships, Abitibi district, Que.

Obashi; lake, northwest of Attawapiskat lake, Patricia district, Ont.

Obashing; lake, Pontiac county, Que. (Not Big Obashing.)

Obashkong; lake, Cassels township, Nipissing district, Ont.

Obaska; lake, north of Grand L. Victoria, Pontiac county, Que. (Not Obiska.)

Obatawagush; lake, west of Harricanaw river, Abitibi district, Que.

Obatogamau; lake, at height of land south of Chibougamau L., Abitibi district, Que.

Obiduan; lake, at headwaters of St. Maurice river, Champlain county, Que.

Obikoba; lake, northeast of lake Timiskaming, Pontiac county, Que.

Obiska. See Obaska.

Obonga; lake, west of lake Nipigon, Thunder Bay district, Ont.

Oboshkegan; lake, S. of N. T. Ry. and N. of Onaman lake, Thunder Bay dist., Ont.

Obowanga; river, northwest of Obonga lake, Thunder Bay district, Ont.

O'Brien; creek, at international boundary, west of Cudahy, Yukon.

Observation; butte, near Gun lake, north of Nahlin river, Cassiar district, B.C.

Observation; peak, east of Peyto lake, Alta. (Not Mount Observation.)

Observation. See Jupiter.

Ochig; lakes, north of L. St. Joseph, Patricia district, Ont.

O'Conor; island, Navy group, St. Lawrence river, Leeds Co., Ont. (Not O'Connor.)

O'Connor. See Kaskawulsh.

Octopus; islands at the entrance to Waiatt bay, Okisollo channel, Coast district, B.C.

Odaray; mount, south of Cathedral mountain, Kootenay district, B.C.

Odaray; pass, between Mts. Duchesnay and Odaray, Yoho park, Rocky Mts., Kootenay district, B.C.

Odei; river, tributary to Burntwood river, Manitoba. (Not Sahpoochaway.)

Odellach; river, tributary to Tobique river, Victoria county, N.B. (Not Otelloch.)

Odin; mount, west of Upper Arrow lake, Kootenay district, B.C.

O'Donnel; river, emptying into E. side of Atlin L. Cassiar, B.C. (Not Dixie creek.)

Oesa; lake, southwest of mount Lefroy, Kootenay district, B.C.

Ogani; lake, on Wenasaga river, northwest of lac Seul, Patricia district, Ont. (Not Oganie nor Powingow.)

Ogden; mount, northwest of Hector station, Rocky mountains, Kootenay district, B.C.

Ogilvie; creek, emptying into the north end of lake Laberge, Yukon.

Ogilvie; post on Yukon river, near the mouth of Sixtymile river, Yukon.

Ogilvie; range of mountains, central Yukon.

Ogilvie; valley, north of lake Laberge, Yukon.

Ogoki; lake and river, tributary to Albany R., Thunder Bay dist., Ont. (Not Tiernan.)

Ogre; peak, near headwaters of Amiskwi river, Rocky Mts., Kootenay district, B.C.

O'Hara; lake, west of mount Lefroy, Rocky Mts., Kootenay dist., B.C. (Not Cascade.)

Oies (cap aux); cape, below Coudres island, St. Lawrence river, Charlevoix county, Que. English usage: Goose cape, which see.

Oiseau; lake and river, southeast of lake Winnipeg, Man. (Not Bird.)

Oke; mount, south of Misko pass, Yoho park, Rocky Mts., Kootenay district, B.C.

O'Keefe; mount, between Sloko and Silver Salmon rivers, Cassiar district, B.C.

Okemasis; lake, east of Carlton, central Saskatchewan. (Not Stony.)

Okikodosik; river, flowing southwesterly into Abitibi lake, Abitibi district, Que., and Timiskaming district, Ont. (Not Okikodosec.)

Okisollo; channel, between Quadra and Sonora Is., Coast dist., B.C. (Not Okishollow.)

Okotoks; mountain, post office, and railway station, southern Alberta.

Old Bluff. See Yeo.

Old Factory; river, emptying into east side of James bay, Ungava, Q. (Not North.)

Oldfield. See Hays.

Oldman; river, tributary to Belly river, Alta. (Not Old Man's.)

Oldman; rock, Yukon river, between Cudahy and international boundary, Yukon.

Old Wives. See Chaplin.

Oldwoman; rock, Yukon river, near Oldman rock, Yukon.

Olga; lake, southeast of Mattagami lake, Abitibi district, Que.

Olga; river, north shore of Hudson strait, N.W.T.

Olive; mountain, northeast of mount Gordon, Rocky mountains, Alta.

Oliver; mount, southwest of Mount Bonney, Selkirk mountains, Kootenay district, B.C.

Olivine; mountain, south of Tulameen river, Yale district, B.C.

Olomanoshibo; river, Saguenay Co., Que. (Not Olomanosheebo nor Olomonasheebou.)

Omanek; island, east shore Ungava bay, Que.

Omatuwi; lake, north of Split lake, Nelson river, Manitoba. (Not O-Ma-Tou-Wi.)

Ombabika; bay, island, and river, N. shore of L. Nipigon, Thunder Bay district, Ont.

Omenica. See Omineca.

Omineca; mountains and river, Cassiar, B.C. (Not Omenica, Ominica, nor Omeneca.)

Onamakawash; lake, southwest of Smoothrock lake, Thunder Bay district, Ont.

Onaman; lake and river, emptying into Humboldt bay, Nipigon lake, Thunder Bay district, Ont. (Not Onamanisagi.)

Onamanisagi. See Onaman.

Onatamini; brook, flowing into Wekusko lake, Manitoba.

Onderdonk; point, Ameliasburg township, Prince Edward county, Ont.

O'Neil; island, west of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Bluff nor Hog.)

O'Neil; post office, Huntingdon Co., Que. (Not O'Neil's Corners nor O'Neil Corners.)

O'Neill's Corners. See O'Neil.

Oneman; lake, English R., Kenora district, Ont. (Not Lone Man's nor One Man's.)

Onkammis; lake, at headwaters of St. Maurice river, Champlain county, Que.

Ooskootim. See Wuskwatim.

Ootsa; lake, southwest from Français lake, Coast district, B.C. (Not Ootsabunket.)

Opabin; creek, tributary to Brazeau river, central Alberta. (Not Boulder nor Rocky.)

Opachuanau; lake, on Churchill river, below Nemei river, Sask. (Not Pachewanow.)

Opal; mountains, east of Kananaskis river, Rocky Mountains park, Alta.

Opamiska. See Opemiska.

Opasatika; lake, south of Abitibi lake, Pontiac county, Que.

Opatawaga, lake, northeast of Mattagami L. Abitibi district, Que. (Not Opiwatakan.)

Opawika; river, tributary to Waswanipi river, Abitibi district, Que.

Opegano; lake, on Burntwood river, Manitoba.

Opemiska; lake, west of Chibougamau lake, Abitibi district, Que. (Not Opamiska.)

Opeongo; railway station and river, in southeastern portion of Algonquin National park, Nipissing district, Ont. (Not Great Opeongo lake.)

Opequanne. See Opikwan.

Opequon. See Opikwan.

Ophir; creek, tributary to Indian river, Yukon.

Opichuan; river, flowing to Nameiben L., Thunder Bay dist., O. (Not Opichewan.)

Opikeigen; lake, northwest of Eabemet lake, Patricia district, Ont.

Opikwan; lake, upper waters of Ottawa river, Pontiac county, Que. (Not Opequanne nor Opequon.)

Opinaca. See Opinaka.

Opinaka; river, tributary to Eastman river, Ungava, Que. (Not Opinaca nor Straight.)

Opinnagau; river, north of Ekwan river, Patricia district, Ont. (Not Upinnakaw.)

Opitsat; Indian village, southwest end of Meares island, Clayoquot sound, Vancouver island, B.C. (Not Clayoquot.)

Opiwatakan. See Opatawaga.

Oponask; lake, northeast of Sachigo lake, Patricia, Ont. (Not Little Sachigo.)

Opuntia; lake, southeast of Tramping lake, Sask.

Orchard; point, opposite Atherley, at northern end of lake Simcoe, Simcoe county, Ont.

Orchay; river, tributary to Pelly river, west of Ross river, Yukon.

Ord; lake, southwest of McIntyre bay, L. Seul, Kenora dstrict, Ont. (Not Long.)

Orient. See Pijitawabik.

Orignal; bay and cape, Rimouski county, Que. (Not Arignole.)

Orignaux (pointe aux); point, St. Lawrence river, Kamouraska county, Que.

Orleans; post office, Gloucester Tp., Carleton Co., Ont. (Not St. Joseph d'Orleans.)

Orme (anse à l'); (cap à l'); (rivière à l'); bay, cape, and river, Jacques Cartier county, Que. (Not Tortue river.)

Oromocto; island, lake, river, village, Sunbury and York Cos., N.B. (Not Oronocto.)

Oronocto. See Oromocto.

Ortell; mount, in Tasin mountains, Yukon.

Osborn; bay, west side of Stuart channel, Vancouver island, B.C.

Osborn; cove, in upper portion of Prince Rupert harbour, Coast district, B.C.

Osbourne; bay, Eagle lake, Kenora district, Ont. (Not Osbourne's)

Osgoode; mount, between forks of Macmillan river, Yukon.

Osier. See Hosier.

Osipasinni; lake, east of Kakagi lake, Kenora district, Ont. (Not Boulder.)

Osisko; lake, southeast of Abitibi lake, Pontiac county, Que.

Oskelaneo; lake, at headwaters of St. Maurice river, Champlain county, Que.

Osnabruck; township, and Osnabruck Centre, post village, Stormont county, Ont. (Not Oznabruck.)

Ospwagan; lake, north of Paint lake, Manitoba. (Not Pipe nor Pipestone.)

Ostrander; point, Marysburg township, Prince Edward county, Ont. (Not Gravelly.)

O'Sullivan; lake, at headwaters of Ottawa river, Montcalm county, Ont.

O'Sullivan; post office, York county, Ont. (Not O'Sullivan's Corners.)

O'Sullivan; river, flowing through Puskitamika lake into Waswanipi lake, Abitibi district, Que.

Otakus; lake, north of Berry lake, Kenora district, Ont. (Not Otakoose.)

Otanabi; lake, upper waters of Ottawa R., N.W. of Grand L. Victoria, Pontiac Co., Que.

Otauwau; river, tributary to Lesser Slave river, Alta. (Not O-Tow-Wow.)

Otchisk; river, tributary to Waswanipi river, Abitibi district, Que.

Otelloch. See Odellach.

Otoskwin; lake and river, tributary to Badesdawa L., upper Winisk R., Patricia, Ont.

O-Tow-Wow. See Otauwau.

Ottawa; city, Carleton county, Ont.

Ottawa; creek, tributary to Dominion creek, Yukon.

Ottawa; lake, in Joliette county, Que.

Ottawa; river, which in lower portion forms the boundary between Ont. and Que.

Otter; point, west of Sooke bay, Vancouver island, B.C.

Otter. See Big Otter.

Otter. See Fantail.

Otterhead; river, tributary to Kicking Horse river, Kootenay district, B.C.

Ottertail; falls, in Ottertail river, above Goodsir creek, Yoho park. Rocky Mts., Kootenay district, B.C.

Ottertail; river, mountain range, and railway station, Kootenay district, B.C.

Otty; island, Navy group, St. Lawrence river, Leeds county, Ont.

Ouasiemska. See Washimeska.

Oulac. See Aulac.

Outer Bay of Long Pt. See Long Point bay.

Outer Duck; island, east of Great Duck island, the most southerly of the Duck islands, Manitoulin district, Ont.

Outer Sturgeon. See McCreary.

Oval. See Kawawia.

Overflow; lake, on Olga river, north shore of Hudson strait, N.W.T.

Overflowing; river, emptying into northwest end of L. Winnipegosis, Man.

Owen; bay, north shore of Okisollo channel, Coast district, B.C.

Owen; channel and island, between Manitoulin and Fitzwilliam islands, Manitoulin district, Ont.

Owen; island, Navy group, St. Lawrence river, Leeds county, Ont.

Owen; mount, south of Cathedral mountain, Kootenay district, B.C.

Owen; point, between Athol and Wellington bays, Pr. Edward Co., Ont. (Not West.)

Owl; river, flowing from Heart lake to L. LaBiche, central Alberta.

Ox; point, the western extremity of point Anne, Thurlow township, Hastings Co., Ont.

Oxdrift; railway station, Kenora district, Ont.

Oxstall. See Ecstall.

Oxtongue; lake and river, Haliburton county, Ont. (Not Ox Tongue.)

Oyster (harbour). See Ladysmith.

Oyster; peak, west of mount Douglas, Rocky mountains, Alta.

Oznabruck. See Osnabruck.

Ozhiski; lake, southwest of Attawapiskat lake, Patricia district, Ont.

Ozhuskans; rapids, upper Winisk river, Patricia district, Ont.

P

Pachena; point, south of Pachena bay, west coast of Vancouver island, B.C. (Not Beegadoss nor Beeghadoss.)

Pachewanow. See Opachuanau.

Packhoon. See Pakhoan.

Paddle; river, tributary to Pembina river, Alta.

Paddle. See Boyer.

Paddling; lake, north of Blaine lake, central Saskatchewan.

Pagaonga. See Papaonga.

Pagato; lake and river, tributary to Churchill R., east of Reindeer R. central Sask.

Page; lagoon, south of Hammond bay, southeast coast of Vancouver island, B.C.

Page; point, Ladysmith harbour, east coast of Vancouver island, B.C.

Paget; peak, northwest of Hector station, Rocky mountains, Kootenay district, B.C.

Pagwachuan; lake, and river tributary to Kenogami river, Algoma and Thunder Bay districts, Ont. (Not Bagutchuan river, Pawgutchewan river, Powgulchuan lake, nor Pawghtchewan lake.)

Paincourt; post village, Kent county, Ont. (Not Dover South nor Pain Cour.)

Painkiller. See Gamskagamik.

Painsec; post village and Ry. station, Westmorland Co., N.B. (Not Painsec Junction.)

Paint; lake and river, tributary to Grass river, Manitoba. (Not Manuminan.)

Paisley; point, Douglas channel, west of Maitland island, Coast district, B.C.

Pakhoan; lake, on Severn river, Patricia, Ont. (Not Little Cedar nor Packhoon.)

Pakitanika. See Blouin.

Pak-oghkee. See Pakowki.

Pakonsigane; river, upper waters of Manuan river, St. Maurice county, Que.

Pakowagaming. See Pakowkami.

Pakowcaming. See Pakowkami.

Pakowkami; lake, in Gladstone township, Algoma district, Ont. (Not Pakowagaming nor Pakowcaming.)

Pakowki; lake, southeastern Alberta. (Not Pakokee, Pak-oghkee, nor Peekopee.)

Pakwa; lake, on Grass river, Manitoba. (Not Pakwahigan, Paquehigan nor Sandy.)

Pakwahigan. See Pakwa.

Pakwash; lakes, northwest of lac Seul, Patricia district, Ont. (Not Little Shallow, Paquash nor Shallow.)

Palisade; mountain, northwest of Sir Sandford range, Selkirk Mts., Kootenay district, B.C.

Palliser; mountain range, pass, river, Rocky mountains, Kootenay district, B.C.

Palmer; mount, easterly termination of Sir Sandford range, creek tributary to Gold river, also glaciers in the Selkirk mountains, Kootenay district, B.C. (Not Novelist creek and mountain, nor west branch of Gold river.)

Palmer Bar; creek, tributary to Moyie river, Kootenay district, B.C.

Pantage; lake, on telegraph trail, south of Blackwater river, Cariboo district, B.C. (Not Pelican.)

Panther; river, flowing northeasterly into Red Deer river, Rocky mountains, Alta.

Papaonga; river, tributary to Wenasaga river, above Slate lake, Patricia district, Ont. (Not Papagonga.)

Papineau; brook and lake, Wicklow township, Hastings county, Ont.

Papineau; lake, Ottawa county, Que. (Not Lac du Commandant.)

Papineau d'Abbotsford; post office and railway station, Rouville county, Que.

Paquash. See Pakwash.

Paquehigan. See Pakwa.

Paquin; lake, northwest of Crean lake, central Saskatchewan. (Not Cross.)

Paradise; mountain peak, south of Sloko river, Cassiar district, B.C.

Paradise; valley, north of mount Temple, Alta.

Paradise. See Lodestone.

Parc-Laval; post office, Laval county, Que.

Parisian. See Parisienne.

Parisienne (île); island, Whitefish bay, L. Superior, Ont. (Not Parisian island.)

Parizeau; point, on east coast of Digby I., Prince Rupert harbour, Coast dist, B.C.

Park; mount, west of mount Biddle, Rocky mountains, Kootenay district, B.C.

Parker; creek, tributary to Klondike river, Yukon.

Parker; island and landing, south of Shute point, Bruce county, Ont.

Parkhill; village and railway station, Middlesex county, Ont. (Not Park Hill.)

Parkins; cape, at west entrance to Quatsino sound, Vancouver island, B.C.

Parks; lake, southeast of lake Nipigon, Thunder Bay district, Ont.

Parrsboro; parish, river, and town, Cumberland county, N.S. (Not Parrsborough.)

Parry; bay, southwest of Esquimalt, Vancouver island, B.C.

Parrywood; railway station, Kenora district, Ont.

Parson; rock, Active pass, strait of Georgia, New Westminister district, B.C.

Partipique. See Portapique.

Parton; river, tributary to Tatshenshini river, Cassiar district, B.C.

Partridge; creek, flowing into Wheaton river, also pass, southern Yukon.

Partridge; falls, Pigeon R., near Grand portage, Int. boundary, Thunder Bay dist., O.

Partridge Crop. See Pineimuta.

Pashashibu; bay, Saguenay county, Que. (Not Pashasheeboo.)

Pasiminikana; lake, at headwaters of St. Maurice river, Champlain county, Que.

Pashkokogan; lake and river, southeast of L. St. Joseph, Thunder Bay district, Ont.

Paskagama; lake, upper waters of Migiskan river, Abitibi district, Que.

Paskekegan. See Piskahegan.

Pasquia; range of hills, also river tributary to the Saskatchewan, Manitoba and Sask. (Not Basquia nor Basquian.)

Pass. See Blakiston.

Patauquin. See Petauguin.

Patience; lake, Tp. 36, R. 3, W. of 3 M., southern Saskatchewan.

Patterson; bay and point, St. Lawrence river, Yonge township, Leeds county, Ont. (Not Chimney Island point.)

Paudash; brook, lake, and post office, Cardiff township, Haliburton county, Ont.

Paugh; lake, Sherwood towship, Renfrew county, Ont.

Pauktorvik; island, southwest shore Ungava bay, Que.

Paul; mount, near southeast end of Maligne lake, Rocky Mts., western Alberta.

Pawghtchewan. See Pagwachuan.

Pawgutchewan. See Pagwachuan.

Payoonan. See Peonan.

Payne; lake, and river emptying into Ungava bay, Que. (Not Tasurak.)

Peace; hills, west of Wetaskiwin, central Alberta.

Peace; large river, Cariboo district, B.C., and northern Alberta.

Peach; island, at outlet of lake St. Clair, Essex county, Ont. (Not Isle aux Pêches.)

Peak; lake, southwest of Dinorwic lake, Kenora district, Ont.

Pear. See Dromedary.

Pearce; mount, northwest of Mt. McNicoll, Selkirk Mts., Kootenay district, B.C.

Pearson; island, west of Belanger point and east of Greene island, Manitoulin district, Ont. (Not Little Grant.)

Peashteebee. See Piashti.

Peavine; creek, tributary to Moyie river, Kootenay district, B.C.

Pebble. See Lowes.

Peck; lake, south of Ministikwan lake, central Sask. (Not Little Fishing.)

Peckagomique. See Becaguimec.

Pedder; bay and inlet, south of Parry bay, Vancouver island, B.C.

Peechee; mount, south of Mt. Girouard, Rocky mountains, Alberta.

Peekopee. See Pakowki.

Peel; island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Prince Edward nor Tent.)

Peel; shoal, off Peel island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Tent Island shoal.)

Pee-pee-ke-wah-be-kung. See Pipikwabi.

Peeshabo. See Pishabo.

Pegamasai; lake, in Montgomery township, Algoma district, Ont. (Not Pegamasay.)

Peggy Cove; village, Halifax county, N.S. (Not Peggy's Cove.)

Pe-kange-kum. See Pikangikum.

Pekangikum. See Pikangikum.

Pekisko; creek, tributary to Highwood R., Alta. (Not Middle Branch of Highwood R.

Pelee; island and point, and Pelee Island post office, Essex county, Ont. (Not Pele nor Pointe Pelee.)

Pelerin; post settlement, Kent county, N.B. (Not Pelering nor Puellering.)

Pelerins (Les); islands, St. Lawrence river, Kamouraska county, Que. English usage: Pilgrim islands, which see.

Pelican; lake, north of Minnitaki lake, Kenora district, Ont.

Pelican. See Chitek.

Pelican. See Lavallée.

Pelican. See Pantage.

Pelican. See Primeau.

Pelletier; lake, Rouyn township, also creek flowing from the lake to Kekeko lake, Pontiac county, Que. (Not Lorenzo.)

Pelly; mountains, lakes, and river, Yukon.

Pemberton; meadows, on Lillooet river, above Lillooet lake, also pass, portage, and post office, betweeen Anderson and Lillooet lakes, B.C.

Pembina; mountain and river, southern Manitoba.

Pembina; river, tributary to Athabaska river, central Alberta.

Pembina. See Christina.

Pen; lake, Nightingale township, Haliburton county, Ont.

Penassi; river, west of Manitou lake, Kenora district, Ont.

Pencil; lake, Cavendish township, Peterborough county, Ont.

Pender; island, in southern portion of the strait of Georgia, B.C.

Pender. See Brabant.

Pender. See Walkem.

Penetangore; river, emptying into lake Huron at Kincardine, Bruce county, Ont.

Penetanguishene; town, Simcoe county, Ont. (Not Penetang.)

Penitentiary; shoal, southwest of Kingston, Frontenac Co., Ont. (Not Prince Regent.)

Penny. See Cumberland.

Penrose; mount, in forks of Bridge river, Lillooet district, B.C.

Pentamerus; point, Crane bay, lake Manitoba, Man.

Pentecôte; river, Saguenay county, Que. (Not Pentecost.)

Peonan; creek, tributary to Saskatchewan river, near Ft.-à-la-Corne, Sask.

Peonan; point, in northerly part of lake Manitoba, Man. (Not Payoonan.)

Pepechekau. See Pipishikau.

Pepin; point, east entrance Tuck narrows, Prince Rupert harbour, Coast dist., B.C.

Pepisquew. See Weibikwei.

Pequaket. See Pikwaket.

Perault. See Perrault.

Perch; island, northeast of Gordon I., St. Lawrence R., Leeds Co., Ont. (Not Reed.)

Percy; lake, Harburn township, Haliburton county, Ont.

Pereault. See Perrault.

Pereleshin; mountain, near Stikine R., between Anuk and Scud Rs., Cassiar dist., B.C.

Peribonka; river, emptying into lake St. John, Que. (Not Peribonca.)

Perkins; creek and peak, north of Pugh peak, southern Yukon.

Perkins; rock, S.W. of Ruel shoal, entrance to Key harbour, Parry Sound dist., O.

Perley rock; mountain spur, near Terminal peak, Selkirk Mts., Kootenay district, B.C.

Perpisawick. See Petpeswick.

Perrang; cove, east shore of St. Margaret bay, Halifax county, N.S. (Not Perrin.)

Perrault; lake, west of McIntyre bay, L. Seul, Kenora district, Ont. (Not Perault nor Pereault.)

Perrin. See Perrang.

Perry; creek, tributary to St. Mary river, Kootenay district, B.C.

Perry; ridge, west of Slocan river, Kootenay district, B.C. (Not Perry's.)

Perseverance; island, west of Fitzwilliam island, Manitoulin district, Ont.

Persil (port au); bay, Charlevoix county, Que.

Perther's. See Perthes.

Perthes; point, in northerly portion of Tagish lake, Yukon. (Not Perther's.)

Petatstekupau. See Petitsikapau.

Petauguin; lake, in Galbraith township, Algoma district, Ont. (Not Pataguin.)

Petawawa; military reserve, railway station, river, township, and village, Renfrew county, Ont. (Not Petewawa.)

Petcoudiac. See Petitcodiac.

Peter; rock, off the north shore of L. Ontario, between Cobourg and Port Hope, Northumberland county, Ont. (Not Gale island nor Gull rock.)

Peter's. See Petrie.

Peterson; lake, southeast of Cobalt, Timiskaming district, Ont.

Peterson; range of mountains, northwest of lake Laberge, Yukon.

Peters Road; village, Kings county, P.E.I. (Not Peter's Road.)

Petewawa. See Petawawa.

Pethick; point, on east side of Prince Rupert harbour, Coast district, B.C.

Pethinue; peninsula, Great Slave lake, N.W.T. (Not Peth-the-nu-eh.)

Petishikupau. See Petitsikapau.

Petit Chicot. See Chicot.

Petitcodiac; river, Albert and Westmorland counties, N.B. (Not Petcoudiac nor Petit Coudiac.)

Petitdegrat; inlet, island, and post office, Richmond county, N.S. (Not Petit Degrat nor Petit de Grat.)

Petite. See Walton.

Petite Ile aux Cygnes. See Sévigny.

Petite-Nation; river, tributary to the Ottawa, from the north. (Not Nation nor North Nation.)

Petite Nation. See South Nation.

Petit-Rocher; post village and railway station, Gloucester county, N.B. (Not Petite Roche nor Petite Rocher.)

Petitsikapau; lake, north of Ashuanipi river, Ungava, Que. (Not Petatstekupau, Petishikupan, nor Petshikupau.)

Petpeswick; harbour, inlet, lake, and post office, Halifax county, N.S. (Not Perpiswick nor Petpiswick.)

Petrie; reef, at east entrance to Sydney harbour, Cape Breton county, N.S. (Not Peter's, Petre, nor Petrie's.)

Petrolia; town, Lambton county, Ont. (Not Petrolea.)

Petshikupau. See Petitsikapau.

Peveril; mountain peaks, southwest of Goodwin creek, Cassiar district, B.C.

Peyto; glacier and lake, northwest of Bow lake, Alta. (Not Peyto's nor Glacier lake.)

Pheasant; creek and hill, north of Qu'Appelle river, southeastern Saskatchewan.

Phelan; railway station, north shore of Skeena river, Coast district, B.C.

Philip; river, emptying into Northumberland strait, N.S. (Not Phillip.)

Philips; cove, east of Pillsbury cove, Prince Rupert harbour, Coast district, B.C.

Philips; point, east coast of Digby I., Prince Rupert harbour, Coast district, B.C.

Phillip. See Philip.

Phillips; shoal, northeast of Main island, entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Philmonro; settlement, Kings county, N.B. (Not Philmaro nor Philomaro.)

Phœbe; point, northwesterly point of Fitzwilliam island, Manitoulin district, Ont.

Photograph; mountain, Kitimat arm, Coast district, B.C.

Piapot; creek, flowing into Crane lake, southwestern Saskatchewan.

Piashti; bay and river, Saguenay county, Que. (Not Peashte-bai, Piastre bay, nor Peashteebee river.)

Piastre. See Piashti.

Piché; lake, Dubuisson and Fournière townships, Abitibi district, Que. (Not High Water nor Kamoukakwiti.)

Pichenninnis; brook, south of Eagle lake, Kenora district, Ont.

Pichinamei; lake, south of Attawapiskat lake, Patricia district, Ont.

Pickering. See Frenchman.

Pickitigouching. See Pikitigushi.

Pickle; lake, east of Kapkichi lake, upper Winisk river, Patricia district, Ont.

Pickwaket. See Pikwaket.

Picnic. See Cockburn.

Picnic. See Stovin.

Picture Narrows; lake, west of Manitou lake, Kenora district, Ont.

Piegan; creek, flowing into Sevenpersons coulée, southeastern Alberta.

Pieromonta; river, emptying into Kempt lake, St. Maurice county, Que.

Piers; island, Satellite channel, southeast coast of Vancouver I., B.C. (Not Pier.)

Pigeon; bay, falls and point, also river flowing into the bay and forming part of the international boundary, Thunder Bay district, Ont.

Pigeon; mountain, south of Bow river, Rocky Mountains park, Alta.

Pijitawabekong. See Pijitawabik.

Pijitawabik; lake, east of mouth of Nipigon river, L. Nipigon, Thunder Bay district, Ont. (Not Orient, Pijitawabekong, Pijitawbikong, nor Pittiwabikong.)

Pijitawabekong. . See Pijitawabik.

Pijuwyan; lake, and river tributary to Waswanipi river, Abitibi, Que.

Pika; peak, northeast of Laggan, Rocky mountains, Alta.

Pikangikum; Indian reserve and lake, on Berens river, Patricia district, Ont. (Not Pe-kange-kum nor Pekangikum.)

Pikapao; river, tributary to Moisie river, Saguenay county, Que. (Not Pikopao.)

Pike; lake, mountain, and river, south of Atlin lake, Cassiar district, B.C.

Pikitigushi; river, emptying into the northern end of Nipigon lake, Thunder Bay district, Ont. (Not Pickitigouching nor Muddy.)

Pikopao. See Pikapao.

Pikwaket; brook and mountain, Kings county, N.B. (Not Pequaket nor Pickwaket.)

Pilgrim; islands ('The Pilgrims'), also shoal, St. Lawrence river, Kamouraska county, Que. French usage: Les Pélerins, which see.

Pilkington; mount, north of Blaeberry river, Rocky Mts., Kootenay district, B.C.

Pillsbury; cove, east of Venn passage, Prince Rupert harbour, Coast district. B.C.

Pilot; bay, Gabriola island, southeast coast of Vancouver island, B.C.

Pilot; bay and point, and Pilot Bay settlement, Kootenay lake, Kootenay district, B.C. (Not Cape Horn nor Pirate bay.)

Pilot; island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont.

Pilot; lake, Burleigh township, Peterborough county, Ont.

Pilot; point, southeast corner of Gribbell island, Coast district, B.C.

Pimbury; point, Departure bay, Vancouver island, B.C. (Not Pinbury.) Previous decision revised.

Pinbury. See Pimbury.

Pinched-neck; lake, at headwaters Rupert R., N. of Mistassini L. Mistassini dist., Que.

Pine; island, near Key harbour, Georgian bay, Parry Sound district, Ont.

Pine; lake, northwest of Gunflint lake, international boundary, Thunder Bay district, Ont. (Not Island Portage lake.)

Pine; point, Weller bay, Ameliasburg township, Prince Edward county, Ont.

Pine. See Clark.

Pine. See Mermaid.

Pine. See Minago.

Pine. See Shingwak.

Pine channel. See Kapikik lake.

Pine Island lake. See Cumberland lake.

Pineimuta; lake, west of L. St. Martin, Manitoba. (Not Partridge Crop.)

Pineroot; river, emptying into Athapapuskow lake, Manitoba.

Pine Tree; harbour and point, southeast of Johnston harbour, Bruce county, Ont.

Pine Wood. See Frederick.

Pingston; creek, west of Upper Arrow lake, Kootenay district, B.C.

Pink; river, flowing northeasterly into Reindeer lake, Sask. (Not Vermilion.)

Pinnacle; mountain, southwest of mount Temple, Alta.

Pinnacle. See Cathedral.

Pinto; butte, also creek tributary to Wood river, Sask. (Not Pinto Horse.)

Pipe. See Ospwagan.

Pipestone; lake, south of Cross lake, Nelson river, Manitoba.

Pipestone; pass and river, Rocky mountains, Alta. (Not Pipe creek.)

Pipestone. See Ospwagan.

Pipikwabi; lake, Stanhope Tp., Haliburton Co., Ont. (Not Pee-pee-ke-wah-be-kung.)

Pipishikau; river, Saguenay county, Que. (Not Pepechekau.)

Pipmakan; lake, Chicoutimi county, Que. (Not Pipmaukin nor Pitmuakan.)

Pirate. See Pilot.

Pishabo; lake, Cassels township, Nipissing district, Ont. (Not Peeshabo.)

Pishidgi; lake, west of lake Nipigon, Thunder Bay district, Ont.

Piskahegan; river, tributary to Magaguadavic river, Charlotte county, N.B. (Not Paskekegan nor Piskehagan.)

Pita; lake, on Churchill river, below Reindeer river, Saskatchewan.

Pitchpine; island, Admiralty group, St. Lawrence river, Leeds county, Ont.

Pitmuakan. See Pipmakan.

Pitopiko; lake, an expansion of Manuan river, upper St. Maurice river, Champlain county, Que. (Not Pitopieco.)

Pitt; creek, tributary to St. Mary river, Kootenay district, B.C.

Pittiwabikong. See Pijitawabik.

Pitts; mount, southwest of the junction of Yukon, Lewes and Pelly rivers, Yukon.

Pizustigwan; river, northwest of Attawapiskat lake, Patricia district, Ont.

Plateau; creek, flowing into Torres channel, Atlin lake, Cassiar district, B.C.

Pleasant; point, the eastern extreme of Prince Edward county, Ont. (Not Indian.)

Plover; island, west coast Ungava bay, Que.

Plum; creek and lake, tributary to Souris river, southwestern Manitoba.

Plumper; passage, channel between Discovery and Chain islands, Haro strait, New Westminster district, B.C. (Not Discovery.)

Plumper's. See Active.

Poboktan; creek, flowing northwesterly into Sunwapta river, also pass at head of the creek, Alberta.

Pockmouche. See Pokemouche.

Pocmouche. See Pokemouche.

Pocowagamis. See Pokowagamis.

Pohenagamuk; lake and post office, Pohenegamook township, Kamouraska county, Que. (Not Pohenagamooke nor Pohenegamook.)

Point; river, flowing into Sagemace bay, lake Winnipegosis, Manitoba.

Point Brulé. See Brulé.

Point de Bute. See Pont-à-Buot.

Pointe-à-la-Garde; village, Bonaventure county, Que. (Not Pointe la Garde.) Reversal of previous decision.

Pointe-au-Pic; village, Charlevoix county, Que.

Pointe-des-Monts; post office, Saguenay county, Que. (Not Pointe de Monts.) See also Monts.

Point Edward; town, Lambton county, Ont.

Point Fortune; post village, Vaudreuil county, Que.

Pointe Pelee. See Pelee.

Pointe-Platon; post settlement, Lotbinière county, Que. (Not Point Platon.)

Point-no-point. See Glacier.

Point Sapin; post village, Kent county, N.B.

Point Wolf; town, Albert county, N.B. (Not Point Wolfe.)

Pokemouche; river, Gloucester county, N.B. (Not Pockmouche nor Pocmouche.)

Poker; creek, branch of Walker creek, near international boundary, Yukon.

Pokesudi; island, at west entrance to Shippigan harbour, Gloucester county, N.B. (Not Poc Sudie, Poksudi, Pokesudie, Pokesuedie, nor Pokesoudie.)

Pokiok; river and village, York county, N.B. (Not Pokiock nor Poquiock.)

Pokkattawagan. See Pukkatawagan.

Pokowagamis; lake, and river tributary to Eel river, York county, N.B. (Not Pocowagamis nor Pocowogamis.)

Pollinger; mount, northeast of Kiwetinok peak, Rocky Mts., Kootenay district, B.C.

Ponass; lake, Tp. 38, R. 14, W. 2 M., Sask.

Ponhook; lake, in western portions of Halifax and Hants Cos., N.S. (Not St. Croix.)

Pont-à-Buot; village, Westmorland Co., N.B. (Not Point de Bute nor Pointe de Bute.)

Pontax; river, emptying into James bay, north of Rupert river, Mistassini district, Que. (Not Pontiac.)

Pontiac. See Pontax..

Pontleroy; lake, Pontleroy township, Pontiac county, Que. (Not Eel.)

Pooh-bah; lake, Hunter island, Rainy River district, Ont. (Not Pooh-Bah.)

Pool. See Poole.

Poole; creek, tributary to Birkenhead river, Lillooet district, B.C. (Not Pool.)

Poole; island, N. of Grenadier I. St. Lawrence R., Leeds Co., Ont. (Not Pool.)

Pooles Resort; post office and summer resort, Leeds county, Ont. (Not Poole's Resort.)

Popes; peak, Bow range, Rocky Mts., Alta. and Kootenay dist., B.C. (Not Pope's.)

Popham; island, Navy group, St. Lawrence river, Leeds county, Ont.

Poplar; point, near the mouth of Rupert river, Mistassini district, Que.

Poplar Point; parish and post settlement, on Assiniboine river, Man.

Poquiock. See Pokiok.

Porcupine; creek, tributary to Stikine R., south of Anuk R., Cassiar dist., B.C.

Porcupine; hills, southern Alberta.

Porcupine; mountain, northwestern Manitoba and Saskatchewan.

Porcupine; point and reef, southeast of cape Hurd, Bruce county, Ont.

Porcupine; river, tributary to Yukon river, northwestern Yukon.

Porlier; pass, between Galiano and Valdes islands, strait of Georgia, New Westminster district, B.C. (Not Portier.)

Porphyry; creek, flowing to Bulkley R., opp. Sharpe creek, Cassiar district, B.C.

Porphyry; island, point, and reef, south of Edward island, Manitoulin district, Ont.

Porpoise; channel, between Lelu and Ridley islands, also harbour in south side of Kaien island, Coast district, B.C.

Portage; bay, east of Peonan point, in northern portion of L. Manitoba, Man.

Portage; bay and point, east of Gataere point, Manitoulin I., Manitoulin dist., Ont.

Portage; lake, west of Knife lake, international boundary, Rainy River district, Ont.

Portage-la-Prairie; parish and city, on Assiniboine river, Man.

Portal; peak, east of mount Baker, Alta. (Not Mount Portal.)

Portapique; river and village, Colchester county, N.S. (Not Partipique nor Port au Pique.)

Port Arthur; lakeport city, Thunder Bay district, Ont.

Named Prince Arthur's Landing, in honour of H. R. H. Prince Arthur (Duke of Connaught), by Col. Wolseley, on the occasion of the landing of the troops of the Red River Expedition there, May 25th 1870. Incorporated as the town of Port Arthur, by statute of Ontario, March 25th, 1884.

Port-au-Persil; post village, Charlevoix county, Que. (Not Port Au Persil.)

Port-au-Saumon; post village, Charlevoix county, Que. (Not Port Salmon.)

Port Bickerton; village, Guysborough county, N.S. (Not Port Beckerton.)

Port Burwell; lightstation and village, Elgin county, Ont. (Not Big Otter Creek lightstation.)

Port Daniel; harbour and village, Bonaventure county, Que. (Not Port Daniel East nor St. George Port Daniel.)

Port Daniel East. See Port Daniel.

Port Ebert. See Port Hebert.

Port Elgin; town, Bruce county, Ont.

Port Essington. See Essington.

Porter; creek, tributary to Indian river, Yukon.

Porter; lake, between Atlin and Gladys lakes, Cassiar district, B.C.

Porter; landing, at N. end of Dease L., Cassiar district, B.C. (Not Porter's landing.)

Porter's Landing. See Porter.

Port Hebert; village, Shelburne county, N.S. (Not Port Ebert, Big Port le Bear, Big Port l'Hebert nor Port L'Hebert.)

Portland; island, west of Moresby island, southeast coast of Vancouver island, B.C.

Portier. See Porlier.

Port Joli; village, Queens county, N.S. (Not Port Jolie.)

Port Latour; village, Shelburne county, N.S. (Not Port la Tour nor Port Letour.)

Port L'Hebert. See Port Hebert.

Port Lewis; post office, Huntingdon county, Que. (Not Port Louis.)

Port Lorne; post office and lighthouse station, Annapolis county, N.S. (Not Marshall Cove nor Port Williams.)

Port Louis. See Port Lewis.

Port Maitland; lightstation and village, bay of Fundy, Yarmouth county, N.S. (Not Green Cove nor Maitland.)

Port Matoon. See Port Mouton.

Port Medway. See Medway.

Port Metway. See Medway.

Port Mouton; village, Queens county, N.S. (Not Port Matoon.)

Portobello; stream, emptying into French lake, Sunbury county, N.B. (Not Porto Bello nor Portobella.)

Port Williams. See Port Lorne.

Possession; point, east of Sooke inlet, Vancouver island, B.C

Pot-à-l'eau-de-vie. See Brandypot.

Potato; lake and river, emptying into south side of L. LaRonge, Sask.

Pothole; creek, tributary to St. Mary river, southern Alberta. (Not Pot Hole.)
Potter; point, Ameliasburg township, Prince Edward county, Ont.
Pottersburg; railway station and village, Middlesex Co., Ont. (Not London Junction.)
Pouce-Coupé; river, tributary to Peace river, Alta. (Not Echafaud.)
Poulamon; bay, Richmond county, N.S. (Not Poulament nor Poulamond.)
Poverty; lake, Monmouth township, Haliburton county, Ont.
Povoas; mountain, east of the north end of lake Laberge, Yukon.
Power; lake, east of Anzhekumming lake, Kenora district, Ont.
Powgulchuan. See Pagwachuan.
Powingow. See Ogani.
Prairies (rivière des); river, separating, Laval county from Hochelaga and Jacques Cartier counties, Que. (Not Back river.) See also Rivière-des-Prairies.
Pratt; island and reef, southeast of Dead island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.
Prejevalsky; point, Bennett lake, Yukon. (Not Prejevalski.)
Presbyterian; river, tributary to Leather river, eastern Saskatchewan.
Present. See Larder.
President; range of mountains and pass, west of Yoho valley, Rocky mountains, Kootenay district, B.C. (Not Emerald.) So named for the president of the Canadian Pacific Railway Company. *See also* 'The President.'
President. See Larder.
Presqu'île; bay, peninsula and point, near S.E. corner of Northumberland Co., Ont.
Presquile; river, tributary to St. John river, Carleton county, N.B. (Not Presqu'ile.)
Prevost; canyon, and river tributary to Ross river, Yukon.
Prevost; island, off the west end of Active pass, strait of Georgia, B.C.
Prevost; mount, east of Carboro bay, southeast coast of Vancouver island, B.C.
Prevost. See Kunghit.
Priam; lake, west of Manitou lake, Kenora district, Ont.
Price; township, Beauce county, Que.
Prim; point, at entrance to Annapolis basin, Digby county, N.S. (Not Rogers.)
Primeau; lake, an expansion of Churchill river, Sask. (Not Pelican.)
Primrose; lake, north of Cold lake, central Alberta and Saskatchewan. (Not Goose.)
Prince Albert; peninsula, northwesterly portion of Victoria island, N.W.T. (Not Prince Arthur Land.)
Prince Albert Land. See Victoria island.
Prince Alfred; island, Brock group, St. Lawrence river, Leeds county, Ont.
Prince Arthur Land. See Prince Albert peninsula.
Prince Edward; bay and point, Pr. Edw. Co., Ont. (Not S. bay nor S. Bay point.)
Prince Edward. See Peel.
Prince Henry Foreland. See Hopes Advance.
Prince of Wales. See Wales.
Prince of Wales; island, northwest of Boothia peninsula, Franklin.
Prince Patrick; island, north of Banks island, N.W.T.

Prince Regent; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont. (Not Little Stave nor McDonald's.)

Prince Regent. See Penitentiary.

Prince Rupert; harbour, and Trans. Ry. terminus, Kaien island, Coast district, B.C.

Princess Charlotte; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Princetown; village, Prince county, P.E.I. (Not Prince Town.)

Pritzler; harbour, N. shore Hudson strait, N.W.T. (Not Pritzler's nor Jackman sound.)

Privateer; mountain, N.E. of Blackwater range of the Rockies, Kootenay dist., B.C.

Procter; creek and settlement, south of Balfour, Kootenay dist., B.C. (Not Proctor.)

Promise; island, at the entrance to Douglas channel, Coast district, B.C.

Protection; island, east of Nanaimo harbour, Vancouver island, B.C. (Not Douglas.)

Protection; mountain, east of Baker creek, Rocky mountains, Alta.

Proud-sitting; lake, at headwaters of St. Maurice river, Champlain county, Que.

Providence; bay and point, south shore Manitoulin island, Manitoulin district, Ont.

Provoking; lake, in Algonquin National park, Nipissing district, Ont.

Pruden; bay, in south end of lake Winnipeg, Manitoba. (Not Pruden's.)

Prud'homme; lake, northeast of Rib lake, Timiskaming district, Ont.

Psyche; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Ptarmigan; creek, flowing into a large lake of the Pelly group, Yukon.

Ptarmigan; lake and peak, northeast of Laggan, Rocky mountains, Alta.

Puce; post village, also rivière aux Puces, Essex county, Ont.

Pudding; burn, tributary to St. Mary river, Kootenay district, B.C.

Puellering. See Pelerin.

Pugh; peak, northwest of the "big bend" of Wheaton river, southern Yukon.

Puke-lowogein. See Setting.

Pukkatawagan; lake and river, Churchill river, Manitoba. (Not Pokkattawagan. nor Puk-a-ta-wa-gan.)

Pulpit; peak, south of Turquoise lake, Rocky mountains, Alta.

Pulpwood; point, southwestern side of Cockburn island, Manitoulin district, Ont.

Pulsatilla; mountain, southeast of Mt. Avens, Rocky mountains, Alta.

Pulteney; point, southwestern extreme of Malcolm island, at entrance to Broughton strait, Coast district, B.C. (Not Graeme.) This is the point on which stands the lighthouse established in 1905.

Pulton; bay and point, south shore of Okisollo channel, Coast district, B.C.

Punichuan; bay, in the southern end of Mistassini lake, Mistassini district, Que.

Punk; island, 3 m. S.E. Grindstone Pt., L. Winnipeg, Man. (Not Deer nor Reindeer.)

Punk. See Deer.

Purity; glacier and mountain, Selkirk mountains, B.C. (Not Lardo glacier.)

Purvis; bank, northwest of Greene island, Manitoulin district, Ont.

Puskitamika; lake, south of Waswanipi lake, Abitibi district, Que.

Puslinch; lake, post village, Ry. sta., and Tp. Wellington Co., Ont. (Not Schaw sta.)

Pyramid; creek, tributary to St. Mary river, Kootenay district, B.C.

Pyramid; mountain, north of mount Grey, southern Yukon.

Q

Quadacha. See Kwadacha.

Quadra; hill, Galiano island, strait of Georgia, B.C.

Quadra; island, between Discovery passage and Okisollo channel, Coast district, B.C. The southern portion of what was formerly Valdes island.

Quamichan; lake and river, tributary to Cowichan river, Vancouver island, B.C.

Quaneca. See Kwadacha.

Qu'Appelle; river, flowing easterly into the Assiniboine, southern Manitoba and Saskatchewan, also town in southern Saskatchewan.

Quarry; point, Manitoulin island, Manitoulin district, Ont.

Quarry. See Forsyth.

Quartz; creek, branch of McDame creek, Dease river, Cassiar district, B.C.

Quartz; creek, tributary to Indian river, Yukon.

Quatawamkedgewick. See Kedgwick.

Quebec; creek, tributary to Yukon river, below Dawson, Yukon.

Quebec; head, eastern end of Wolfe island, Frontenac county, Ont. (Not East point.)

Queen; point, forms the western boundary of Walkhouse bay, Manitoulin island, Ont.

Queen Elizabeth; foreland, S.E. point of Loks Land, N.W.T. (Not North Foreland.)

Queensport; harbour, Guysborough Co., N.S. (Not Queen's Port nor Crow harbour.)

Queenston; village, and Queenston heights, Lincoln county, Ont. (Not Queenstown.)

Quesnel; lake, mining division, river, and village, Cariboo, B.C. (Not Quesnelle.)

Quetachu; bay, Saguenay county, Que. (Not Quetachoo.)

Quiet; lake, northeast of Teslin lake, Yukon.

Quill; lakes, southern Saskatchewan. (Not Big Quill and Little Quill.)

Quinitsa. See Kwinitsa.

Quinn; creek, branch of Sulphur creek, Indian river, Yukon. (Not Quin.)

Quinte; bay of, in L. Ontario, almost separating Prince Edward county from the mainland of Ontario. (Not Quinté.)

Quinze (lac des); lake, an expansion of the upper Ottawa river, Pontiac county, Que.

Quio; river, tributary to the Ottawa, Pontiac county, Que.

Quispamsis; post village, Kings county, N.B. (Not Quispansis.)

Quyon; railway station and village, Pontiac county, Que. (Not Quio.) Reversal of previous decision.

R

Rabbit; mountain, Paipoonge township, Thunder Bay district, Ont.

Rabbit; mountain and river, east of lake Evans, Abitibi district, Que.

Rabbitt; mount, also creek, northwest of Tulameen, Yale district, B.C.

Race; passage and rocks, off S. point of Vancouver island, B.C. (Not Race islands.)

Rae; mount, Misty range, southern Alberta.

Raft; narrows, north of Hill island, St. Lawrence river, Leeds county, Ont.

Ragged; bight, northeast of cape Hurd, Bruce county, Ont.

Ragged Island (harbour). See Lockport.

Ragged; lake, in the Algonquin National park, Nipissing district, Ont.

Ragged; mountain, east of Sooke river, Vancouver island, B.C. (Not Saddle.)

Ragged. See Locke.

Rainy; creek, tributary to Elbow river, Alta.

Rainy; creek, tributary to Moyie river, Kootenay district, B.C.

Rainy; lake and river, international boundary, Rainy River district, Ont.

The river takes its name from the lake which appears on early maps as "Tekamammaouen"—written "Tekamaihouenne" by Verendry, 1738, and also as lac la Pluie (probably derived from the Indian name) and not as erroneously supposed from René, "name of its discoverer," nor from reine "meaning Queen of rivers."

Raisin; river, Glengarry and Stormont counties, Ont. (Not Black R., R. au Raisin, nor Riv. aux Raisins.)

Raley; point, north of Clio bay, Kitimat arm, Coast district, B.C.

Ram; creek, flowing northeasterly into Saskatchewan river, Alta. (Not Sheep river.)

Ramsay; river, emptying into Crooks inlet, north shore of Hudson strait, N.W.T.

Ramsden; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

Ranch; point, Nanoose harbour, east coast of Vancouver island, B.C.

Randolph; lake, S. of N. T. Ry. and N.W. of L. Nipigon, Thunder Bay district, Ont.

Rapid. See Minnedosa.

Rapid (river). See Montreal.

Rapide-de-Femme; post village, Victoria county, N.B. (Not Rapid de Femme nor Rapide des Femmes.)

Rapides (lac des); lake, upper Ottawa R., southeast of Barriere L., Pontiac Co., Que.

Rapid River (lake). See Forks.

Raquette; river, Vaudreuil county, Que.

Raspberry. See Robinson.

Rat; lake, between Rose and South lakes, Int. boundary, Thunder Bay district, Ont.

Rat. See Alcott.

Rat. See Taggart.

Rathbun; bay and point, E. of Jenkins Pt., Manitoulin I., Manitoulin district, Ont.

Rat Portage. See Kenora.

Rat Portage lake. See Manigotagan.

Rattlesnake. See Bagot.

Raven; lake and river, McFadden township, Timiskaming district, Ont.

Raven; river, tributary to Red Deer river, southern Alberta.

Rawlinson; creek, tributary to Nordenskiöld river, Yukon.

Rawson; harbour and island, N. shore Hudson strait N.W.T. (Not Harbour island.)

Raymond; passage, S. from Seaforth Ch., Coast district, B.C. (Not Hecate channel.)

Reader; lake, northwest of The Pas, Manitoba.

Reception; lake, Grasett township, Algoma district, Ont. (Not Kaikaquabick.)

Red; bay, south of Golden valley, Bruce county, Ont.

Red; lake, northwest of L. Seul, Patricia district, Ont. (Not Vermilion.)

Red. See McKay.

Redan; mountain, northwest of Sir Sandford range, Selkirk Mts., Kootenay dist., B.C.

Redberry; lake, southwest of Carlton, central Saskatchewan.

Redburn; creek and peak, northeast of Moberly, Rocky Mts., Kootenay district, B.C.
Red Dan; reef, southeast of Birch point, Manitoulin island, Manitoulin district, Ont.
Red Deer; lake, and river emptying into lake Winnipegosis, Sask.
Red Deer; river, also town on the river, southern Alberta.
Red Deer. See La Biche.
Red Deer. See Waskesiu.
Red Deer (lakes). See Anerley, Coteau, Stockwell.
Redding; creek, tributary to St. Mary river, Kootenay district, B.C.
Redflag; mountain, west of Parry bay, Vancouver island, B.C.
Redhorse; rock and lightstation. west of Beaurivage island, Admiralty group, St. Lawrence river, Leeds county, Ont. (Not 7a.)
Rednersville; village, Ameliasburg township, Prince Edward county, Ont.
Redoubt; lake, east of Redoubt mountain, Rocky mountains, Alta.
Redoubt; mountain, northeast of Laggan, Rocky mountains, Alta.
Redstone; brook and lake, Guilford township, Haliburton county, Ont.
Redwater; river, flowing southeasterly into the Saskatchewan, below Sturgeon river, Alberta. (Not Red Water.)
Reed; lake, northeast of Cormorant lake, Manitoba.
Reed. See Perch.
Reed. See Reid.
Reef. See Bonnet.
Reeves; harbour, Big island, Hudson strait, N.W.T.
Refugee. See Conran.
Refugee. See Stovin.
Reid; island, south of Valdes island, southeast coast of Vancouver island, B.C.
Reid; mount, between Watson and Wheaton rivers, southern Yukon.
Reid; mount, southeast of lake Evans, Abitibi district, Que.
Reid; point, south of Red bay, Bruce county, Ont.
Reid; rock, south of George island, Halifax harbour, Halifax Co., N.S. (Not Reed.)
Reid Mills; post office, Dundas county, Ont. (Not Reid's Mills.)
Reindeer; creek, tributary to Yukon river, south of Indian river, Yukon.
Reindeer; lake and river, emptying into Churchill river, Manitoba and Sask.
Reindeer. See Punk.
Remic; rapids, in Ottawa river, about two miles west of Ottawa city. (Not Remicks, Remix, nor Remous.)
Remington; creek, tributary to Indian river, Yukon.
Remous. See Remic.
Renny; island, south of Whitney point, St. Lawrence R. Leeds Co., Ont. (Not Bush.)
Reserve; point, Active pass, strait of Georgia, Westminster district, B.C.
Resolution; island, at entrance to Frobisher bay, N.W.T. (Not Tudjakdjuan.)
Resolution. See Warwick.
Rest. See Dufay.
Restigouche; county and river, northern New Brunswick. (Not Ristigouche.)
Restigouche. See Ristigouche.
Retreat; cove, southwest of Galiano island, strait of Georgia, B.C.

Revelstoke; mount, railway station, and town, Kootenay district, B.C.

Rexton; town, Kent county, N.B. (Not Kingston.)

Riall; island, Brock group, St. Lawrence R. Leeds Co., Ont. (Not Millar's nor Smith's.)

Rib; lake, north of Cassels township, Timiskaming district, Ont.

Ribbon; river, tributary to Manuan river, upper St. Maurice, Champlain county, Que. (Not Rivière au Ruban.)

Ribstone; creek, tributary to Battle river, eastern Alberta. (Not Nose.)

Rich; island, Navy group, St. Lawrence river, Leeds county, Ont.

Richard; point, Nanoose harbour, east coast of Vancouver island, B.C.

Richard; point, north of "The Narrows," L. Manitoba, Man.

Richards; mount, southwest of Osborn bay, Stuart channel, Vancouver island, B.C.

Richardson; mount, northeast of Laggan, Rocky mountains, Alta.

Richelieu; village, on Richelieu river, Rouville county, Que. (Not Village Richelieu.)

Richmond; gulf, north of Little Whale river, Ungava, Que. (Not Richmond lake.)

Richmond; village, Carleton county, N.B. (Not Richmond Corner.)

Richmond. See Malpeque.

Richmond Corner. See Richmond.

Richthofen; island and valley, lake Laberge, Yukon. (Not Richtofen.)

Rickett; harbour, eastern side of Cockburn island and southwesterly from Cinder point, Manitoulin district, Ont.

Rickley; harbour, W. of Burnt I., and N. of Western Duck I., Manitoulin dist., Ont.

Riddell; mount, also creek, northwest of Tulameen, Yale district, B.C.

Riddell; mount, between Macmillan and Ross rivers, also river tributary to the Macmillan, Yukon.

Ridgeway; creek, tributary to Moyie river, Kootenay district, B.C.

Riding; mountain, western Manitoba.

Ridley; island, south of Kaien island, Chatham sound, Coast district, B.C. (Not Flat nor North Porpoise.)

Rigaud; river, a small tributary of the Ottawa river, Glengarry and Prescott counties, Ont. and Vaudreuil county, Que. (Not rivière à la Graisse.)

Right Hand Branch, (Tobique R). See Campbell.

Rigolet; settlement, at narrows of Hamilton inlet, Ashuanipi district, Que. (Not Rigoulette.)

Riley; brook, tributary to Tobique river, Victoria county, N.B.

Rinda; a spur of the Valhalla mountains, Kootenay district, B.C.

Ringnes; islands, southwest of Axel Heiberg island, N.W.T.

Rink; rapid, in Lewes river, below Tatchun river, Yukon.

Riordon; point, Boxer reach, Coast district, B.C.

Rip; point, Active pass, strait of Georgia, New Westminster district, B.C.

Ripple; creek, tributary to Moyie river, Kootenay district, B.C. (Not Meadow.)

Ripple; reef, west of Lyal island, Bruce county, Ont.

Riske; creek, trib. to Fraser R., above Chilcotin R., Cariboo and Lillooet dists., B.C.

Ristigouche; township, Bonaventure county, Que. (Not Restigouche.)

Ristigouche. See Restigouche.

Ritchie; point, north extreme of Kaien island, Coast district, B.C. (Not Hays.)

River Beaudette. See Beaudet.

River Denys. See Denys.

River (mt.) See Lewes.

Rivers; lake of the, southern Saskatchewan.

Rivière-à-la-Martre; post village, also Light, Signal and Telegraph station, Christie township, Gaspe county, Que. (Not Martin River nor Rivière à la Marte.)

Rivière-des-Caches; village, Northumberland county, N.B. (Not River de Cache nor Rivière du Cache.)

Rivière-des-Chûtes; village, Carleton county, N.B. (Not River de Chute.)

Rivière-des-Fèves; post office, Chateauguay county, Que. (Not Rivières des Fèves.)

Rivière-des-Prairies; village, Hochelaga county, Que. (Not Rivière des Prairies.) See also Prairies.

Rivière-du-Loup; post office and railway station, Temiscouata county, Que.

Rixon; rock, near North point, at entrance to Georgian bay, Manitoulin district, Ont.

Roaring; river, tributary to Swan river, western Manitoba. (Not Rolling.)

Roberson; point, northeast coast of Digby island, Coast district, B.C.

Robert; island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Cherry nor Sumac.)

Robert; lake, Martin river, above Tesekau lake, Mistassini district, Que.

Robert; point, Markham bay, Hudson strait, N.W.T.

Roberts; bay, in South bay, Manitoulin island, Manitoulin district, Ont.

Robertson; cove, north of Lizard islands, Manitoulin district, Ont. (Not Jackson.)

Robertson; creek, tributary to Little Slocan river, Kootenay district, B.C.

Robertson; lakes, Privat township, Abitibi district, Que.

Robertson; mount, near Stikine river, north of Iskut river, Cassiar district, B.C.

Robertson; post office and railway station, Megantic county, Que. (Not Robertson Station post office.)

Robertson Station. See Robertson.

Robinson; cove, Big island, bay of Quinte, Prince Edward county, Ont.

Robinson; island, S. of Whitney Pt., St. Lawrence R., Leeds Co., Ont. (Not Raspberry.)

Robinson; lake and river, S. of N. T. Ry., N.E. of L. Nipigon, Thunder Bay dist., Ont.

Robinson; sound, northeast of Cornell Grinnell bay, N.W.T. (Not Robinson's.)

Rob Roy; creek, tributary to Dominion creek, Indian river, Yukon.

Robson; mount, north of the east fork of Fraser river, Cariboo district, B.C.

Robson; town and railway station, on Columbia river, Kootenay district, B.C.

Roche à Veillons. See Algernon.

Roche de Smet; west of Jasper lake, western Alberta. (Not Roche Suette.)

Rochelle; post office, Shefford county, Que. (Not Ste. Anne-de-Stukely.)

Roche Percée; railway station, southeastern Saskatchewan. (Not Roche Percé.)

Roche-Percée; reef, St. Lawrence river, opposite Cacouna, Temiscouata county, Que.

Rochers (pointe des); point, below cape Salmon, Charlevoix county, Que.

Roche Suette. See Roche de Smet.

Rock; lake, Nightingale township, Haliburton county, Ont.

Rock. See Lazy.

Rockcliffe; police village, Carleton county, Ont. (Not Rockliffe.)

Rockliffe. See Stonecliff.

Rocksprings; post office, Leeds county, Ont. (Not Rock Springs.)

Rocky. See Descanso.

Rocky. See Opabin.

Rocky. See Tinson.

Roes Welcome; sound, in the northwestern portion of Hudson bay, N.W.T. (Not Rowe's Welcome nor Sir Thomas Rowe's Welcome.)

Roger; lake, northwest of Expanse lake, Pontiac county, Que. (Not Rogers.) Previous decision revised.

Rogers; glacier, pass, and peak, and Rogers Pass railway station, Selkirk mountains, Kootenay district, B.C.

Rogers. See Prim.

Rogersville; parish, Northumberland county, N.B. (Not Rogerville.)

Roggan; river, emptying into James bay, Ungava, Que. (Not Bishop Roggan nor Great Bishop Roggan.)

Rogue; river, tributary to Hess river, Yukon.

Rolleston; island, northwest of Grenadier I., St. Lawrence river, Leeds county, Ont.

Rolling. See Roaring.

Rollingdam; post village, Charlotte county, N.B. (Not Rolling Dam.)

Rolph; creek, tributary to St. Mary river, southern Alberta.

Romaine; river, lower St. Lawrence, opposite Mingan islands, Saguenay Co., Que.

Rondeau; harbour, park, and Ry. station, on L. Erie, Kent Co., Ont. (Not Rond Eau.)

Root; river, flowing southwesterly into L. Seul, Patricia district, Ont.

Root. See Carrot.

Rosamond; lake, N.W. of Rugby township, Kenora district, Ont. (Not Rosamund.)

Rose; island, between Broughton and Robert islands, St. Lawrence river, Leeds county, Ont. (Not Grape nor Grass.)

Rose; lake, on international boundary, Thunder Bay district, Ont. (Not Mud.)

Rose; lake and river, at headwaters of Nisutlin river, Yukon.

Rose; pass, at head of St. Mary river, Kootenay district, B.C.

Roseau; river, flowing westerly into Red river, southeastern Manitoba.

Rosebud; creek, tributary to Stewart river, Yukon.

Rosebud; river, tributary to Red Deer river, Alta. (Not Arrowhead.)

Rosenfeld; rock, northeasterly from the east point of Saturna island, strait of Georgia, New Westminster district, B.C. (Not Rosenfelt.)

Roseville; village, Prince Co., P.E.I. (Not Little or S. Mimingash nor Minimegash.)

Ross; creek, flowing into the S. Saskatchewan at Medicine Hat, Alta.

Ross; island, between the east and west channels of Nelson river, Manitoba.

Ross; isthmus and peninsula, northwesterly portion of Franklin isthmus, N.W.T. (Not James Ross.)

Ross; lake, south of Stephen station, Kootenay district, B.C.

Ross; lake, northwest of Affleck lake, Kenora district, Ont.

Ross; peak, Selkirk mountains, Kootenay district, B.C.

Ross; river, tributary to Pelly river, Yukon.

Rossmore; village, Ameliasburg township, Prince Edward county, Ont.

Rouge; lake, Wolfe township, Terrebonne county, Que. (Not lac de la Rouge.)

Rough; island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Hamilton nor Little.)

Rougie. See Salisbury.

Round; lake, on Qu'appelle river, southeastern Saskatchewan.

Round. See Campbell.

Round. See Felice.

Round. See Ghost.

Round. See Joubert.

Round. See Lacroix.

Round. See Skelton.

Rousseau. See Arosen.

Rousselet; island, at the north end of lake Timiskaming, Ont.

Roussin. See Arosen.

Route; lake, west of Manitou lake, Kenora district, Ont.

Routhier; lake, Rouyn township, Pontiac county, Que. (Not Rush.)

Rouyn; lake, Rouyn township, Pontiac county, Que. (Not Stewart.)

Rove. See Watap.

Rowan; lake, northeast of Kakagi lake, Kenora district, Ont.

Rowe; island, northerly one of Lizard group, Algoma district, Ont. (Not N. Lizard.)

Rowes. See Roes.

Rowley; island, Navy group, St. Lawrence river, Leeds county, Ont.

Roxburg; post settlement, Albert county, N.B. (Not Roxborough.)

Roxton East; post office, Shefford county, Que.

Royal; island, Brock group, St. Lawrence river, Leeds county, Ont. (Not Bathing.)

Royal; roads, south of Esquimalt harbour, Vancouver island, B.C. (Not Royal bay.)

Royal George. See Myles.

Ruban. See Ribbon.

Ruby; creek, tributary to Indian river, Yukon.

Ruby; creek and mountain, west of Surprise lake, Cassiar district, B.C.

Ruby; mountain, E. of Columbia R., between the Arrow lakes, Kootenay district, B.C.

Rudyard: reef, west of Queen point, Manitoulin island, Manitoulin district, Ont.

Ruel; shoal, southwest of Dead island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.

Rugged. See Locke.

Rugged Island (harbour). See Lockeport.

Rundle; mount, between Bow and Spray rivers, Rocky Mountains park, Alta.

Rupert; bay and river, Mistassini dist., Que. Rupert Ho., H. B. Co., at mouth of river.

Rusagonis; river and village, Sunbury Co., N.B. (Not Rusagornis nor Rushagornis.)

Ruscom; post village, railway station, and river, Essex county, Ont. (Not Ruscomb river and village, nor Ruscom Station.)

Rush. See Routhier.

Rushagornis. See Rusagonis.

Russell; arm and point, northwest side of Prince Rupert harbour, Coast district, B.C.
Russel; creek, tributary to Little Slocan river, Kootenay district, B.C.
Russel; island and reef, S.E. of Cove I., at entrance to Georgian Bay, Bruce Co., Ont.
Ruth; island, Nanoose harbour, east coast of Vancouver island, B.C.
Ruth; lake and river, W. of Nakina R., and S. of Chikoida Mt., Cassiar district, B.C.
Ryckman; post village, Wentworth county, Ont. (Not Ryckman's Corners.)
Rykerts. See Bedlington.

S

Saanich; inlet, southeast coast of Vancouver island, B.C.
Saanichton; bay and Ry. station, S.E. coast of Vancouver I. B.C. (Not Cordova bay.) To avoid duplication of "Cordova" applied to a large bay to the south.
Sable; river, southeast of Chiefs point, Bruce county, Ont.
Sable. See Ausable.
Sachigo; lake, and river tributary to Severn river, Patricia, Ont. (Not Achigo.)
Sackawatisi. See Sassawatisi.
Sacré-Cœur-de-Marie; post village, Thetford township, Megantic county, Que. (Not Sacré-Cœur de Marie.)
Saddle; hill, south of Satellite channel, Vancouver island, B.C. (Not Arbutus.)
Saddle; lake, also Saddle Lake post office, eastern Alberta.
Saddle; mountain, near confluence of Stikine and Anuk rivers, Cassiar district, B.C.
Saddle; mountain, southeast of Fairview mountain, Alta. (Not 'The Saddle.')
Saddle. See Ragged.
Saddleback; island, northwest of Pritzler harbour, Hudson strait, N.W.T.
Sagaminnis; lake, southwest of Wapikopa lake, upper Winisk river, Patricia, Ont.
Saganaga; lake, on international boundary, Rainy River and Thunder Bay districts. Ont. (Not Seiganagah, Seiganagan, nor Seiganagaw.)
Saganaga. See Boyer.
Sagemace; bay, in southern portion of L. Winnipegosis, Man
Sahpoochaway. See Odei.
Sah-wah-mish-she. See Sawamisshe.
Sain; cape, above Pointe-au-Pic, Charlevoix county, Que.
Ste. Agnes-de-Dundee; post office, Huntingdon county, Que. (Not Ste. Agnès nor Ste. Agnès de Dundee.)
St. Alexandre; parish and railway station, also St. Alexandre Station post office, Iberville county, Que. (Not St. Alexander.)
St. Alphonse-de-Granby; village, Shefford Co., Que. (Not St. Alphonse de Granby.)
St. Andre; bank, parish, point, and village, Kamouraska county, Que.
St. Andre-de-Ristigouche; post office, Ristigouche township, Bonaventure county, Que. (Not St. André de Restigouche.)
St. Andrew; channel, southeast of Boularderie island, Cape Breton and Victoria counties, N.S.
St. Andrew; lake, in Tps. 31 and 32, R. 1 E.P.M., Manitoba. (Not Long.)
St. Andrews; post village, Stormont county, Ont. (Not St. Andrews West.)

St. Andrews; town, Charlotte county, N.B. (Not St. Andrew's.)

St. Andrews; village, Argenteuil county, Que. (Not St. Andrews East.)

Ste. Angèle-de Rimouski; village, Matane county, Que. (Not Ste. Angele de Mercie.)

St. Ann; bay, harbour, and village, Victoria county, N.S.

St. Ann; lake, central Alberta.

St. Ann; village, Lincoln county, Ont. (Not St. Anne nor St. Ann's.)

St. Anne; island, at the mouth of St. Clair river, Lambton county, Ont. (Not St. Anne's nor St. Ann's.)

Ste. Anne-de-Bellevue; village, Jacques Cartier county, Que. (Not Ste Anne de Bellevue nor Ste. Anne du bout de L'Ile.)

Ste. Anne-des-Monts; village, Gaspe county, Que. (Not Ste. Anne de Monts.)

Ste. Anne-de-Stukely. See Rochelle.

Ste. Anne du bout de L'Ile. See Ste. Anne-de-Bellevue.

St. Anthony; lake, Skead township, Timiskaming district, Ont.

St. Antoine-de-Pontbriand; village, Thetford township, Megantic county, Que. (Not St. Antoine de Pontbriand.)

St. Antoine-de-Tilly; village, Lotbinière county, Que. (Not St. Antoine, Lotbinière.)

St. Antoine, Lotbinière. See St. Antoine-de-Tilly.

St. Augustin; river, flowing southerly into the gulf of St. Lawrence, Saguenay county, Que. (Not St. Augustine.) Decision based on priority of publication.

St. Barnabé-rivière-Yamaska; post settlement and railway station, St. Hyacinthe county, Que. (Not St. Barnabé, river Yamaska.)

St. Basile-de-Portneuf; parish and post village, Portneuf county, Que. (Not St. Bazile de Portneuf.)

St. Bernard-Sud; post office, St. Johns Co., Que. (Not St. Bernard nor St. Bernard S.)

Ste. Brigide; village and Ry. station, Iberville Co., Que. (Not Ste. Brigide d'Iberville.)

St. Catharines; city, Lincoln county, Ont. (Not St. Catherines.)

Ste. Cécile-de-Milton; village, Shefford county, Que.

St. Charles-de-Caplan; village, Bonaventure county, Que. (Not St. Charles Caplin.)

St. Clair; lake and river, Essex, Kent and Lambton counties, Ont.

St. Columban; village, Two Mountains Co., Que. (Not St. Colomban nor St. Columbin.)

St. Croix; lake, Hants county, N.S. (Not St. Croix River lake.)

St. Croix. See Ponhook.

Saint-Cyr; mount, north of Quiet lake, Yukon.

St. David; lake, in Tps. 31 and 32, R. 1, W. P. M., Manitoba.

St. David; village, Lincoln county, Ont. (Not St. David's.)

St. Denis; cove, parish, point, and village, Kamouraska county, Que. (Not St. Denis de la Bouteillerie village.)

St. Dominique-de-Bagot; post village, Bagot Co., Que. (Not St. Dominique de Bagot.)

Ste. Edwidge; post village, Clifton township, Compton county, Que. (Not St. Edwidge.)

Ste. Emelie. See Ste Emmélie.

Ste. Emilie. See Ste. Emmélie.

Ste. Emmélie; parish and village, Lotbinière Co., Q. (Not Ste. Emelie nor Ste. Emilie.)

St. Etienne; parish, Charlevoix county, Que.

St. Etienne-de-Beauharnois; post village, Beauharnois county, Que. (Not St. Etienne nor St. Etienne de Beauharnois.)

St. Eugene; mission, on St. Mary river, Kootenay district, B.C.

St. Eugene-de-Guigues; post office, Guigues township, Pontiac county, Que. (Not Ste. Eugene de Guigues.)

St. Fidèle; post settlement, Charlevoix county, Que.

Ste. Foy; parish and post village, Quebec county, Que. (Not St. Foy.)

St. Francis; lake, Beauce county, and river flowing from the lake, through the counties of Wolfe, Compton, Sherbrooke, Richmond, Drummond, and Yamaska, emptying into the St. Lawrence at lake St. Peter, Que. French form, St. François.

Ste. Geneviève; group of islands, E. of Ste. Anne-de-Bellevue. Jacques Cartier Co., Que.

St. George; cape, St. Peter's inlet, Richmond county, N.S. (Not George.) To distinguish it from Cape George in Antigonish county.

St. George; lake, Tps. 31-2-3, R. 1 E. and Tp. 31, R. 1 W. P.M., Man. (Not. St. George's.)

St. George Port Daniel. See Port Daniel.

St. Germain; parish and village, Kamouraska county, Que.

St. Grégoire. See Mount Johnson.

St. Hector; post office, Bagot county, Que. (Not St. Hector de Bagot.)

St. Hector de Bagot. See St. Hector.

St. Helen; island, in the St. Lawrence, near Montreal, Hochelaga county, Que. (Not St. Helen's.) French usage, Ste. Hélène.

St .Helena; island, northeast of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Cherry nor Goulbourne.)

Ste. Hélène-de-Bagot; post village and railway station, Bagot county, Que. (Not Ste. Hélène de Bagot.)

St. Henri; post village, Lévis county, Que. (Not St. Henri Station.)

St. Henri Station. See St. Henri.

St. Hilary; mount, southeast of Braeburn lake, southern Yukon.

St. Irénée; parish and post village, Charlevoix county, Que.

St. Jean Deschaillons. See Deschaillons.

St. Joachim; post village and railway station, Essex county, Ont. (Not St. Joachim River Ruscom.)

St. Joachim-de-Shefford; post village, Shefford Co., Que. (Not St. Joachim de Shefford.)

St. John; creek and ridge, west of Beaverdell creek, Yale district, B.C.

St. John; island, Melville lake, Ashuanipi district, Que. (Not St. Johns.)

St. Johns; county and town, on Richelieu river, Que. (Not St. John's.)

St. John; mount, southwest of Windigo bay, L. Nipigon, Thunder Bay district, Ont.

St. Joseph; village, south of Goderich, Huron county, Ont.

St. Joseph d'Orleans. See Orleans.

St. Joseph-de-St.-Hyacinthe; post village, St. Hyacinthe county, Que. (Not St. Joseph de St. Hyacinthe.)

St. Lambert; village, Chambly county, Que. (Not St. Lambert, Chambly.)

St. Laurent; village, Jacques Cartier county, Que. (Not St. Laurent, Montreal.)

St. Laurent, Montreal. See St. Laurent.

St. Lawrence; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

St. Margaret; bay, Halifax county, N.S. (Not St. Margaret's.)

Ste. Marguerite; river, tributary to Saguenay river, Chicoutimi and Saguenay counties, Que. (Not St. Margaret.)

Ste. Marguerite. See Marguerite.

St. Martin; lake, northeast of lake Manitoba, Man. (Not St. Martin's.)

St. Mary; bay and cape, Digby county, N.S.

St. Mary; lake, Saltspring island, southeast coast of Vancouver island, B.C.

St. Mary; lake, Ridout township, Muskoka district, Ont.

St. Mary; lake and river tributary to Kootenay river, B.C. (Not Torrent.)

St. Mary; post village, Kent county, N.B.

St. Mary; river, joining lakes Huron and Superior, international boundary line between Canada and United States. (Not St. Mary's.)

The narrows between Point Iroquois and Gros cap is to be considered the head of the river, and that between Old Fort St. Joe and Sweet point the mouth of the south branch. The north branch, passing through East Neebish rapids, also carries the name of the river, through St. Joseph channel, to the narrows between Bowker point and Gravel point.

St. Mary; river, Guysborough county, N.S.

St. Mary; river, tributary to Belly river, southern Alberta. (Not St. Mary's.)

St. Marys; town and railway station, Perth county, Ont. (Not St Mary's.)

St. Maurice; county and river, Que.

St. Michel-de-Rougemont; village, Rouville Co., Q. (Not St. Michel de Rougemont.)

Ste. Monique; post office, Two Mountains county, Que. (Not Ste. Monique des Deux Montagnes.)

Ste. Monique des Deux Montagne. See St. Monique.

St. Nicholas; peak, north of Mt. Gordon, Rocky mountains, Alta.

St. Nora; lake, Stanhope township, Haliburton county, Ont. (Not St. Nora's.)

St. Onge; post office, near Embrun, Russell county, Ont.

St. Patrick; channel, an arm opening to the westward from Great Bras d'Or, Inverness and Victoria counties, N.S.

St. Patrick; lake, in Tps. 32 and 33, R. 1, E. and W. P. M., Manitoba.

St. Patrick's. See San Josef.

St. Paul; post village, Kent county, N.B. (Not St. Pauls.)

St. Paul. See Nuns.

St. Paul's Bay. See Baie-St.-Paul

St. Peter; bay, river, and railway station, Kings county, P.E.I. (Not St. Peter's nor Head of St. Peter's bay.)

St. Peter; island, Hillsborough bay, Queens county, P.E.I. (Not St. Peter's.)

St. Pierre-les-Becquets; parish and post office, Nicolet county, Que. (Not St. Pierre des Becquets nor St. Pierre les Bequets.)

St. Piran; mount, west of Laggan station, Alta.

St. Raphaël; post village, Glengarry Co., Ont. (Not St. Rafael nor St. Raphael West.)

St. Regis; post office, Huntingdon county, Que. (Not St. Régis.)

St. Roch-des-Aulnaies; village, L'Islet county, Que. (Not St. Roch des Aulnets.)

Ste. Rosalie; island, in Ottawa river, near Montebello, Ottawa county, Que.

St. Siméon; parish and village, Charlevoix county, Que.

St. Simon-de-Yamaska; post village and railway station, Bagot county, Que. (Not St. Simon d'Yamaska.)

St. Sixte; lake, and river trib. to Petite Nation R. Ottawa Co., Que. (Not Sincique.)

St. Stanislas-de-Kostka; post village, Beauharnois county, Que. (Not St. Stanislas.)

St. Stephen; town, Charlotte county, N.B. (Not St. Stephens.)

St. Théodore-d'Acton; post village, Bagot county, Que.

Ste. Thérèse-de-Blainville; village and railway station, Terrebonne county, Que. (Not Ste. Thérèse nor Ste. Thérèse de Blainville.)

St. Urbain-de-Chateauguay; parish and post village, Chateauguay county, Que. (Not St. Urbain de Chateauguay nor St. Urbain en haut.)

St. Valentin; parish and post village, St. Johns county, Que. (Not St. Valentine.)

Sakwatamau; river, tributary to Athabaska R., Alta. (Not Eagle nor Sa-kwa-ta-mow.)

Salem; post village, Cumberland county, N.S. (Not Salent.)

Salent. See Salem.

Salisbury; bay, Albert county, N.B. (Not Rougie.)

Salmon; arm, southerly portion of Shuswap lake, also river emptying into the arm from the south, Yale district, B.C.

Salmon Arm; post settlement and railway station, on Salmon arm of Shuswap lake, Yale district, B.C.

Salmon; cape, above Pte. des Rochers, Charlevoix county, Que. French usage: Saumon (cap au), which see.

Salmon; island, north side of Big bay, Hastings county, Ont.

Salmon; river flowing into Big bay, Hastings and Lennox counties, Ont.

Salmon. See Kinonge.

Salmon. See Wicked.

Salt; point, Presqu'ile peninsula, Brighton township, Northumberland county, Ont.

Salt. See Way.

Saltspring; island, southeast coast of Vancouver I., B.C. (Not Admiral nor Chuan.)

Salvus; railway station, north shore of Skeena river, Coast district, B.C.

Samson; peak, north of the narrows of Maligne lake, Rocky Mts., western Alberta.

Sand; bay, outlet of Rainy lake, international boundary, Rainy River district, Ont.

Sand. See Desert.

Sand. See Hyndman.

Sanderson; point, west side of Lower Arrow lake, Kootenay district, B.C.

Sanderson. See Iononoaklin.

Sand Point; lake, southeast of Namakan L., Int. boundary, Rainy River district, Ont.

Sandy. See Pakwa.

Sandy-beach; lake, at headwaters of St. Maurice river, Champlain county, Que.

Sanford; mount, southwest of Snowdon range, Cassiar district, B.C.

Sangrida; peak, Valkyr mountains, Kootenay district, B.C.

San Josef; bay, near N.W. end Vancouver I., B.C. (Not San Joseph nor St. Patrick's.)

San Juan; river, flowing into Juan de Fuca strait, Vancouver island, B.C.

San Miguel; group of islands, off the entrance to Friendly cove, Nootka sound, Vancouver island, B.C.

Sansum; narrows, between Saltspring and Vancouver islands, B.C.

Sapasook. See Sapasuk.

Sapasoose. See Sapasuk

Sapasuk; lake on N. T. Ry. northeast of L. Nipigon, Thunder Bay district, Ont. (Not Sapasook nor Sapasoose.)

Sapphire; col, between, "The Dome" and "Castor," Selkirk Mts., Kootenay dist., B.C.

Sarbach; mount, north of Howse pass, Rocky mountains, Kootenay district, B.C.

Sarcee; butte and Indian reserve, on Elbow river, Alta.

Sasaginaga; lake, northwest of Cobalt, Timiskaming district, Ont. (Not Clear.)

Sasakwei; lake, southwest of Peake lake, Kenora district, Ont. (Not Summit.)

Saskatchewan; mount, south of Mt. Athabaska, Rocky mountains, Alta.

Saskatchewan. See Turnagain.

Saskeram; lake, west of The Pas, Manitoba. (Not Indian Pear Island lake.)

Sass; river, trib. to Little Buffalo R., S. of Great Slave L., N.W.T. (Not Sass-tessi.)

Sassaganaga; lake, northeast of Kipawa lake, Pontiac county, Que.

Sassawatisi; lake, at headwaters of Manuan river, Champlain county, Que. (Not Sackawatesie nor Chisaouataisi.)

Sass-tessi. See Sass.

Satasha; lake, west of Nordenskiöld river, Yukon.

Satellite; channel. between Saltspring I. and Saanich peninsula, Vancouver I., B.C.

Saturn; rock, southwest of Greenough point, Bruce county, Ont.

Saugeen; peninsula, the northwestern portion of Bruce county, Ont.

Saugeen; river, flowing into L. Huron at Southampton,Bruce Co., Ont. (Not Saugink.)

Saugum; creek, E. of Kootenay R., N. of Steele, Kootenay dist., B.C. (Not Six-mile.)

Sault-au-Cochon; river, Saguenay county, Que. (Not Saut de Cochon.)

Saulteux; river, tributary to Lesser Slave R., Alta. (Not Sauteur nor Sauteux.)

Saumon (cap au); cape, above Pte. des Rochers, Charlevoix county, Que. English usage: (cape) Salmon, which see.

Saunders; reef, near Misery bay, Manitoulin island, Manitoulin district, Ont.

Saut de Cochon. See Sault-au-Cochon.

Saut de Mouton. See Mille Vaches.

Sauteur. See Saulteux.

Sauteux. See Saulteux.

Savant; lake, south of L. St. Joseph, Thunder Bay district, Ont.

Savage; island, northeast of Whitney point, St. Lawrence river, Leeds county, Ont.

Savage; post office, Shefford county, Que. (Not Savage's Mills.)

Savage. See Upper Savage.

Savasse Berry. See Serviceberry.

Sawamisshi; lake, Stanhope township, Haliburton Co., Ont. (Not Sah-wah-mish-she.)

Sawback; range of mountains, north of Bow river, Rocky mountains, Alta.

Sawback; range of mountains, west of Stikine river, Cassiar district, B.C.

Sawbill. See Sheldrake.

Sawyer; pass, at head of St. Mary river, Kootenay district, B.C.

Saxon; island, south of Shute point, Bruce county, Ont.
Sayia. See Sayyea.
Sayunei; range of mountains, Gravel river, N.W.T. (Not Sayunne.)
Sayyea; creek, tributary to upper Liard river, Yukon. (Not Sayia.)
Scalping Knife; mountain, east of Columbia river, Kootenay district, B.C.
Scatari; island, off the coast of Cape Breton I., N.S. (Not Scattarie, nor Scatary.)
Scentgrass; lake, southeast of Jackfish lake, central Saskatchewan. (Not Scent Grass.)
Schaffner; mount, northwest of Mt. Biddle, Rocky mountains, Kootenay district, B.C.
Schaw. See Puslinch.
Schist; lake, northwest of Tawatinaw lake, Kenora district, Ont.
Schley Land. See Ellesmere.
Schnabel; creek, flowing into Annie lake, southern Yukon.
Schnare; point, north shore of St. Margaret bay, Halifax county, N.S. (Not Snares.)
Schnarr; lake, Melick and Redditt townships, Kenora district, Ont.
Schooner. See Miles.
Schreiber; point, north of Kaien island, Prince Rupert harbour, Coast district, B.C.
Schwatka; river, tributary to Nordenskiöld river, southern Yukon.
Scorpion; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.
Scotch Bonnet; island and lightstation, west of Wellington (Big Sandy) bay, Prince Edward county, Ont. (Not Egg island.)
Scotchie; reef, at South Baymouth, Manitoulin island, Manitoulin district, Ont.
Scotsman; bay, Kings county, N.S. (Not Scots, Scot's nor Scotsman's.)
Scott; inlet, Metlakatla bay, Coast district, B.C.
Scott; mount, near Rapid river and east of Rabbit mountain, Abitibi district, Que.
Scott; point, on north side of entrance to Baie du Doré, Bruce county, Ont.
Scougall; bank, southwest of Macgregor point, Bruce county, Ont.
Scout; reef and spit, southwest of Burke island, Bruce county, Ont.
Scratching. See Morris.
Scroggie; creek, tributary to Stewart river, Yukon.
Scud; river, tributary to Stikine river, Cassiar district, B.C.
Sea; lake, Murchison township, Nipissing district, Ont.
Seagram; lake, southwest of Manito lake, central Saskatchewan.
Seal; cove, at north end of Kaien island, Coast district, B.C.
Seal. See Dog.
Seal. See Tisiriuk.
Sealion; mountain, northeast of Moberly, Rocky mountains, Kootenay district, B.C.
Seaman; reef, entrance to Wood bay, S. shore Manitoulin I., Manitoulin dist., Ont.
Seashell; rock, west of Lyal island, Bruce county, Ont.
Secretary; islands, north of Saltspring island, S.E. coast of Vancouver I., B.C.
Secretary. See Donaldson.
Seechlet; inlet, north of the strait of Georgia, B.C. (Not Sechelt.)
Seed; lake, east of Carp lake, international boundary, Rainy River district, Ont.
Seeley; village, Leeds county, Ont. (Not Seeley's Bay nor Seely's Bay.)
Seepanock. See Sipanok.
Segatiga; brook, tributary to Burntwood river, Manitoba.

Seggemak; lake, southeast of Boyer lake, Kenora district, Ont. (Not Black Bird.)

Segum Sega. See Kejimkujik.

Seiganagah. See Saganaga.

Seiganagan. See Saganaga.

Seiganagaw. See Saganaga.

Sekulmun; lake, west of Aishihik lake, Yukon.

Sekwi; brook, canyon, and mountain, Gravel R., above Natla R., N.W.T.

Selby; lake, east of Anzhekumming lake, Kenora district, Ont. (Not Lynx.)

Selkirk; mount, Mitchell range, Kootenay district, B.C.

Selkirk; N. W. Mounted Police post, at the mouth of Lewis river, Yukon. The site of the old fort of the H. B. Co. is on the opposite bank. (Not Fort Selkirk.)

Selous; mount, between the forks of Macmillan river, Yukon.

Selwyn; island, west of Humboldt bay, L. Nipigon, Thunder Bay district, Ont.

Selwyn; mount, east of mount Dawson, Selkirk mountains, Kootenay district, B.C.

Selwyn; river, tributary to Yukon river, west of Lewes river, Yukon.

Semenof; hills, at confluence of Lewes and Big Salmon Rs., Yukon. (Not Semenow.)

Semiamu; bay, E. of Boundary bay, New Westminster dist., B.C. (Not Semiahmoo.)

Sentinel; mountain, Tp. 15, R. 4, W. 5 M., southern Alberta.

Sentinel; mountain, above the junction of Cline and Saskatchewan rivers, Rocky mountains, Alberta.

Separation; lake, English river, Kenora district, Ont.

Separation; point, entrance Cowichan harbour, Vancouver I., B.C. (Not Cowichan.)

Sepewesk. See Sipiwesk.

Sept-Iles. See also **Seven Islands.**

Seraph; mountain, Selkirk range, Kootenay district, B.C.

Serpentine; lake, Anstruther township, Peterborough county, Ont.

Serviceberry; creek, tributary to Rosebud river, Alta. (Not Savasse Berry.)

Seseganaga; lake, east of Sturgeon lake, Thunder Bay district, Ont.

Sesikinaga; lake and river, at headwaters of Wenesaga river, Patricia, Ont.

Setidgi. See Sitidgi.

Seton; creek and lake, west of Lillooet, Lillooet district, B.C.

Setting; lake and river, Grass river, Manitoba. (Not Net Setting nor Puke-lowogein.)

Seul (lac); lake, Kenora and Patricia districts, Ont.

Seven Acre. See Melville.

Seven Islands (Eng. usage) **Sept Iles** (Fr. usage); group of islands, bay, and H. B. Co. post, north shore of St. Lawrence river, Saguenay county, Que.

Sevenpersons; coulée and river, southwest of Medicine Hat, Alta. (Not Seven Persons.)

Seven Pines. See Bass.

Severn; lake and river, emptying into the southerly side of Hudson bay, also H. B. Co.'s post at mouth of river, Patricia district, Ont. (Not Fort Severn Post.)

Sévigny; island, in St. Lawrence river, near Valleyfield, Soulanges county, Que. (Not Petite Ile aux Cygnes.)

Seymour; arm, northerly portion of Shuswap lake, Yale district, B.C.

Shabogama; lake and river, Abitibi district, Que. (Not Shabokama.)

Shabumeni; lake and river, S.W. of Cat L., Patricia district, Ont. (Not Shaboomene.)

Shad. See Shag.

Shaft; point, Departure bay, east coast of Vancouver island, B.C.

Shag; bay and head, also Shag Bay post office, Halifax county, N.S. (Not Shad.)

Shagamu; lake and river, west of Winisk river, Patricia district, Ont. (Not Shagamew nor Shakeneh.)

Shaganash; island, northeast of Pt. Magnet, Thunder Bay district, Ont.

Shakes; creek, tributary to Stikine river, south of Glenora, Cassiar district, B.C.

Shakespeare; island in lake Nipigon, Thunder Bay district, Ont.

Shakwak; valley, west of Dezadeash lake, Yukon.

Shakaneh. See Shagamu.

Shallop; creek, south side of Anticosti island, Saguenay county, Que. (Not Chaloupe river nor Jupiter creek.)

Shallow; lake, between Bernard and Tutshi lakes, Cassiar district, B.C.

Shallow. See Mennin.

Shallow. See Pakwash.

Shamattawa; river, tributary to Winisk river, Patricia district, Ont. (Not Matawa nor Sha-mat-tay-wah.)

Shames; railway station, also river tributary to Skeena river, Coast district, B.C.

Shamrock; bank, southeast of Gatacre point, Manitoulin I., Manitoulin district, Ont.

Shamus; river, emptying into Matchimanito lake, Abitibi district, Que.

Shangoina; island, east of Thunder cape, Thunder Bay district, Ont.

Shanks; lake, Tp. 1, Rge. 21, W. 4th M., southern Alberta.

Shannonville; village, Tyendinaga township, Hastings county, Ont.

Shanly; post office, Grenville county, Ont. (Not Shanley.)

Shantee. See McMahon.

Shanty. See McMahon.

Sharbau; island, at southeasterly entrance to Rivers inlet, Coast district, B.C. (Not Sharban.) Reversal of previous decision.

Sharp; lake, northwest of Cobalt, Timiskaming district, Ont.

Sharp; mount, east of mount Goodsir, Rocky mountains, Kootenay district, B.C.

Sharp. See Jack.

Sharpe; creek, flowing westerly into Bulkley river, below Moricetown, Cassiar district, B.C. (Not Boulder.)

Sharp Mt. (lake). See Elizabeth.

Shaughnessy; mount, N. of Hermit mountain, Selkirk Mts., Kootenay district, B.C.

Shaver; river, flowing easterly into Primrose lake, central Alberta and Saskatchewan.

Shawanaga; inlet, river, and township, Parry Sound district, Ont. (Not Franklin inlet nor Shawanaga bay.)

Shawatlan; lake and passage, northeast of Kaien island, Coast district, B.C. (Not Shawatlans nor Shoo-wah-tlans.)

Shawatum; mountain, north of Nepopekum creek, Yale dist., B.C. (Not Steamboat.)

Shawenegan; falls, lake, rivers, township, and village, St. Maurice county, Que. (Not Shawinigan nor Shawanegan.

Shawnigan; creek and lake, also Shawnigan Lake, P.O. and railway station, Vancouver island, B.C.

Sheaffe; island, Brock group, St. Lawrence river, Leeds county, Ont. (Not Black Charlie nor Brush.

Sheak. See Sheek.

Sheba; a two-peaked mountain, at forks of Gun creek, Lillooet district, B.C.

Shebeshekong; bay, also channel between Franklin island and the mainland, Parry Sound district, Ont.

Shecake; island, South bay, Manitoulin district, Ont.

Shecatica. See Shekatika.

Shedlui. See Deception.

Sheehan; lake, Halifax county, N.S. (Not Shehea.).

Sheek; island, St. Lawrence river, west of Cornwall, Stormont county, Ont. (Not Sheak, Sheek's Sheik's, Shieck, nor Shieck's.)

Sheep; lake and mountain, east of Tatonduk river, Yukon.

Sheep; river, tributary to Highwood river, southern Alberta. (Not Sheep creek.)

Sheepshank. See Shesheeb

Sheesheeb. See Shesheeb.

Sheffield Vault; brook, flowing into Minas channel, Kings county, N.S.

Shegunia; river, flowing westerly into Skeena river, above Hazelton, Cassiar district, B.C. (Not She-gun-ya.)

Shehea. See Sheehan.

Sheik's. See Sheek.

Shekatika; bay, west of the strait of Belleisle, Saguenay Co., Que. (Not Shecatica.)

Shelburne; bay, harbour, and town, Shelburne Co., N.S. (Not Shelburne Harbour.)

Shelburne Harbour. See Shelburne.

Sheldon; lake, Lutterworth township, Haliburton county, Ont. (Not Sheldon's.)

Sheldon; lake, on Ross R., also mountain between Macmillan and Ross Rivers, Yukon.

Sheldrake; river, Saguenay county, Que. (Not Sawbill.)

Shell; brook, tributary to Shell river, north of Prince Albert, Sask.

Shellbrook; post office, Sec. 16, Tp. 49, R. 3, W. 3 M., Sask. (Not Shell Brook.)

Shell; lake and river, tributary to the Saskatchewan, central Saskatchewan.

Shell; river, tributary to Assiniboine river, western Manitoba.

Shemogue; harbour and town, Westmorland Co., N.B. (Not Gr. Shemogue nor Bristol.)

Shemong. See Chemung.

Sheogomoc. See Shogomoc.

Sheol; mountain, east of mount Aberdeen, Alberta.

Shepherd; mount, north of Sooke basin, Vancouver island, B.C.

Sherbrooke; city and county, Que. (Not Sherbrook.)

Sherbrooke; creek and lake, northwest of Hector station, Kootenay district, B.C.

Sherbrooke; islands, between Garret and Lynedoch Is., St. Lawrence R., Leeds Co., Ont.

Sherbrooke; township, in Haldimand county, Ont. (Not Sherbrook.)

Sherbrooke; village in Guysborough county, N.S. (Not Sherbrook.)

Sheringham; point, west of Sooke inlet, Vancouver island, B.C. (Not Sherringham.)

Sherwood; point, Presqu'ile bay, Northumberland county, Ont. (Not Sherwood's.)

Sherwood Spring; post village, Leeds county, Ont. (Not Sherwood Springs.)

Shesheeb; bay and point, east of Black bay, Thunder Bay district, Ont. (Not Sheesheeb, Shesheep, nor Sheepshank.)

Shesheinquann. See Shoshokwan.

Sheslay; river, tributary to Inklin river, Cassiar district, B.C.

Shezal; canyon, Gravel river, below Natla river, N.W.T.

Shictahawk. See Shiktahawk.

Shieck. See Sheek.

Shields; landing, on west side of Lower Arrow lake, Kootenay district, B.C.

Shiktahawk; river, tributary to St. John river, Carleton county, N.B. (Not Shictahawk, Shikatehawk, nor Shikitihawk.)

Shingwak; lake, north of Cameron lake, Kenora district, Ont. (Not Pine.)

Ship; bank, in Owen channel, Manitoulin district, Ont.

Ship; island, N.E. from Horse point, Ameliasburg township, Prince Edward Co., Ont.

Shippigan; harbour, island and village, Gloucester county, N.B. (Not Shippegan.)

Shoal; point, in Presqu'ile bay, Brighton township, Northumberland county, Ont.

Shoe; island, northwest of Grenadier island, St. Lawrence river, Leeds county, Ont.

Shoemaker. See Ingall.

Shogomoc; lakes, and river tributary to St. John river, York county, N.B. (Not Sheogomoc nor Shogamoc.)

Sholiaban; creek and fishing station, west of Mekattina cape, Saguenay county, Que. (Not Choniaban, Souriban, nor Sourilaban.)

Shongwashu; lake, E. of Boyer L., Kenora dist., Ont. (Not Shongwashoucheneibwin.)

Shookum. See Skookum.

Shoo-wah-tlans. See Shawatlan.

Shoshokwan; lake, and river tributary to upper Ottawa river, Montcalm and Pontiac counties, Que. (Not Shoshoquon nor Shesheinquann.)

Shotbolts. See Gonzales.

Shoulie. See Shulie.

Shoushwap. See Shuswap.

Shubenacadie; lake, Halifax and Hants counties, N.S. (Not Grand nor Shubenacadie Grand.)

Shulie; river and village, Cumberland county, N.S. (Not Shoulie.)

Shunda; creek, flowing southeasterly enters the Saskatchewan in Tp. 40-13-5, Alta. (Not Mire.)

Shuswap; lake, river, and railway station, Yale district, B.C. (Not Shoushwap lake, nor Spalumcheen river.)

Shuswap; mountains, east of Shuswap lake, Yale district, B.C.

Shute; passage, southwest of Portland island, southeast coast of Vancouver I., B.C.

Shute; point, on east shore of Stokes bay, Bruce county, Ont.

Sibbald; creek, tributary to Jumpingpound creek, southern Alberta.

Sibell; bay, Ladysmith harbour, Vancouver island, B.C.

Sibert; point, at southeast entrance to Pine Tree harbour, Bruce county, Ont.

Sicannie Chief. See Sikanni Chief.

Sidney; channel, island, and town, S.E. coast of Vancouver I., B.C. (Not Sydney.)

Sidney; township, in Hastings county, Ont.

Siffleur; mountain, south of the junction of Saskatchewan and Siffleur rivers, Rocky mountains, Alberta.

Siffleur; river, tributary to Saskatchewan river, Alta.

Sifton; lake, south of Shabogama lake, Abitibi district, Que.

Sifton; mount, Hermit range, Selkirk mountains, Kootenay district, B.C.

Sifton; mountains, west of lake Laberge, Yukon.

Siggia. See Havēn.

Sikanni Chief; river, tributary to Fort Nelson river, Cariboo and Cassiar districts, B.C. (Not Sicannie Chief.)

Silver; creek, flowing northerly into Fraser river, below Hope, Yale district, B.C.

Silver; islet, in L. Superior, 6 miles east of Thunder cape; also Silver Islet landing, wharf and settlement, on north shore of L. Superior, ¾ of a mile from Silver islet, Thunder bay district, Ont.

Silver; lake, lying partly on the east side of Pettypiece township, Kenora district, Ont. (Not Manitou.)

Silver; mountain, Lybster township, Thunder Bay district, Ont.

Silver. See Lowes.

Silverhorn; mountain, north of Bow lake, southern Alberta.

Silver Salmon; river, tributary to Nakina river, Cassiar district, B.C.

Silvertip; glacier, mountain, névé, and pass, northwest of Sir Sandford range, Selkirk mountains, Kootenay district, B.C.

Simcoe; bank and point, entrance to Providence bay, Manitoulin island, Ont.

Simcoe; county and lake, southeast of Georgian bay, Ont.

Simcoe; island, west of Wolfe I., St. Lawrence R., Frontenac Co., Ont. (Not Gage.)

Similkameen; river, Yale district, B.C. (Not South Similkameen.)

Simmons; creek, tributary to Stewart river, below Scroggie creek, Yukon.

Simms. See Sims.

Simon; bay and point, entrance to Greenough harbour, Bruce county, Ont.

Simon; lake, south of Obaska lake, Abitibi district, Que.

Simonette; river, tributary to Smoky river, Alta.

Simpson; lake and mountains, between Liard and Frances rivers, Yukon.

Simpson; pass and river, N.W. of Mt. Assiniboine, Alta, and Kootenay district, B.C.

Simpson; rock, Southgate group, Queen Charlotte sound, Coast district, B.C.

Simpson Tower; mountain, west of Frances lake, Yukon. (Not Simpson's.)

Sims; bay and island, South bay, Manitoulin district, Ont. (Not Simms.)

Sincique. See St. Sixte.

Singoosh. See Singush.

Singush; lake, in Duck Mountain Forest reserve, western Manitoba. (Not Singoosh.)

Sinking; lake, Tps. 59 & 60, R. 6, 4 M., eastern Alberta.

Sinkut; creek and lake, south of Nechako river, Cariboo, B.C. (Not Tsinkut.)

Sipanok; channel, between Carrot and Saskatchewan rivers, Sask. (Not Seepanok nor Seepanock.)

Sipiwesk; lake, north of Cross lake, Nelson river, Manitoba. (Not Sepewesk.)

Sir Donald; mount, also glacier and range of mountains in the Selkirks, B.C.

Sir Sandford; mount, also range of mountains and glacier, Selkirk mountains, Kootenay district, B.C.

Sir William; island, west of Lynedoch island, St. Lawrence river, Leeds county, Ont.

Sisipuk; lake on Churchill river, Manitoba and Saskatchewan. (Not Duck.)

Sisson; lake and river, tributary to Tobique river, Victoria county, N.B. (Not Little Tobique nor West Branch of Tobique river.)

Sisters; islands, east of Fair point and northwest of Gordon island, St. Lawrence river, Leeds county, Ont.

Sitidgi; lake, north of Great Bear lake, N.W.T. (Not Setidgi.)

Siwiti; rock, Blunden harbour, Queen Charlotte sound, Coast district, B.C.

Six-mile. See Saugum.

Sixteen mile. See Oakville.

Sixty; creek, branch of Henderson creek, Yukon.

Sixtymile; river, tributary to Yukon river, Yukon.

Skagit; range of mountains and river, in southwestern portion of Yale district, B.C.

Skaloo. See Skelu.

Skeena; river emptying into the Pacific, Cassiar and Coast dists., B.C. (Not Skena.)

Skelton; island, Brock group, St. Lawrence R., Leeds Co., Ont. (Not Big nor Round.)

Skelu; inlet, Graham island, Queen Charlotte Is., Coast district, B.C. (Not Skaloo.)

Skena. See Skeena.

Skidegate; inlet, also channel between Graham and Moresby islands, Queen Charlotte islands, Coast district, B.C.

Skinner; bluff, north of Cowichan harbour, Vancouver island, B.C.

Skinner Pond; village, Prince county, P.E.I. (Not Skinner's Pond.)

Skirmish. See Wild Horse.

Skirt; mountain, west of Esquimalt, Vancouver island, B.C. (Not Skirt hill.)

Skoki; mountain and valley, northwest of Fossil mountain, Rocky Mts., Alta.

Skookum; lake, Galbraith township, Algoma district, Ont. (Not Shookum.)

Slate; creek, tributary to Klondike river, Yukon.

Slate; lake, on Wenasaga river, northwest of L. Seul, Patricia district, Ont.

Slate; pass, between headwaters of Klondike and McQuesten rivers, Yukon.

Slaughenwhite; point, northeast of Head harbour, St. Margaret bay, Halifax county, N.S. (Not Oakland.)

Slave. See Lesser Slave.

Slave. See Sleeve.

Sleepy; river, emptying into Obaska lake, Abitibi district, Que.

Sleeve; lake, Tps. 59 & 60, R. 6, W. 4 M., eastern Alberta. (Not Slave.)

Slocan; lake, river, and town, Kootenay dstrict, B.C. (Not Slocan City.)

Slocoh. See Sloko.

Sloko; inlet, lake, mountain, and river, Cassiar district, B.C. (Not Slocoh.)

Small. See Little Bow.

Small Duck; creek, tributary to Rock creek, Klondike river, Yukon.

Small Trout. See Meggisi.

Smart; mount, west of mount Bonney, Selkirk mountains, Kootenay district, B.C.

Smith; creek, tributary to the south branch of Brazeau river, central Alberta.

Smith; point, southwestern point of Cockburn island, Manitoulin district, Ont.

Smith; rock, in Fitzwilliam channel, Manitoulin district, Ont.

Smith. See Wynott.

Smith's. See Riall.

Smith's creek. See Nith river.

Smiths Falls; railway station and town, Lanark county, Ont. (Not Smith's Falls.)

Smoke; lake, in Algonquin National park, Nipissing district, Ont.

Smoke; point, in Weller bay, Ameliasburg township, Prince Edward county, Ont.

Smoke. See Aubrey.

Smoke. See Hickey.

Smokehouse; island, north of Chiefs point, Bruce county, Ont.

Smoky; lake, northwest of Victoria settlement, Alta.

Smoky; river, tributary to Peace river, Alta. (Not Smoking.)

Smoothrock; lake, northwest of L. Nipigon, Thunder Bay district, Ont. (Not Smooth Rock Island lake.)

Smoothrock; lake, south of Manitou lake, Kenora district, Ont. (Not Smooth Rock.)

Snake; island, north of Cedar island, bay of Quinte, Hastings county, Ont.

Snake; island, off Departure bay, east coast of Vancouver I., B.C. (Not Lighthouse.)

Snake. See Bloomfield.

Snake. See Fox.

Snake. See McCallum.

Snake. See Matheson.

Snake. See Sylvan.

Snares. See Schnare.

Snider; post office, Halton county, Ont. (Not Snider's Corners.)

Snider; rock, northwest of Martini I., S.W. coast of Digby I., Coast district, B.C.

Snider's Corners. See Snider.

Snowcap; mountain, west of lower part of Stikine river, Cassiar district, B.C.

Snowdon; range of mountains, southeast of Gladys lake, Cassiar district, B.C.

Snowslide; creek, tributary to Cariboo creek, Kootenay district, B.C.

Snowy; mountain, east of Stikine river, near the elbow, Cassiar district, B.C.

Sockeye; railway station, north shore of Skeena river, Coast district, B.C.

Soda; creek, flowing into upper branch of Hunker creek, Yukon.

Sodalite; valley, east of Ice river, Rocky mountains, Kootenay district, B.C.

Sogakwa; portage, at head of Pizustigwan river, upper Winisk river, Patricia, Ont.

Solitude; mountain, east of Columbia river, Rocky mountains, Kootenay district, B.C.

Solmes; island, east of Telegraph island, bay of Quinte, Prince Edward county, Ont.

Solmesville; post village, Sophiasburg township, Prince Edward county, Ont.

Solomons Temples; islands, north of Charlton island, James bay, Ungava, Que. Not Solomon Temple.)

Somass; river, flowing into the head of Alberni canal, Vancouver island, B.C. (Not Somas, Somos, Sumas, nor Sumass.)

Somenos; lake and post settlement, north of Cowichan river, Vancouver island, B.C.

Somerset; island, north of Boothia peninsula, N.W.T. (Not North Somerset.)

Sonata; mountain, Selkirk range, Kootenay district, B.C.

Sonora; island, between Nodales and Okisollo channels, Coast district, B.C. The northern portion of what was formerly Valdes island.

Sooke; basin, bay, harbour, inlet, lake, and river, Vancouver island, B.C.

Sophiasburg; township, Prince Edward county, Ont. (Not Sophiasburgh.)

Sorcerer; mountain, Selkirk range, Kootenay district, B.C.

Soskumika; lake, an expansion of Nottaway river, Abitibi district, Que.

Soulanges. See Dondaine.

Sounding; creek and lake, southeastern Alberta.

Source; lake, in Algonquin National park, Nipissing district, Ont.

Souriban. See Sholiaban.

Sourilban. See Sholiaban.

Souris; river, tributary to the Assiniboine, Manitoba and Saskatchewan.

Souris; town, Kings county, P.E.I. (Not East Souris.)

South; bay, S.E. end of Manitoulin I., Manitoulin dist., Ont. (Not Manitoulin Gulf.)

South; lake, on international boundary, Thunder Bay district, Ont.

South. See Algernon.

South. See Koksoak.

South. See Prince Edward.

Southampton; village, at the mouth of Saugeen river, Bruce county, Ont.

South Antler. See Antler.

South Bay. See Prince Edward.

South Baymouth; town site, Manitoulin island, Manitoulin district, Ont.

South Br. Highwood R. See Stimson creek.

South Br. Little river. See Flemming brook.

South Branch, Moose river. See Mattagami.

South Duck; river, flowing easterly and northerly to Duck bay, lake Winnipegosis, Man. (Not Duck River South.)

Southern Indian; lake, on Churchill R., Manitoba. (Not Indian nor South Indian.)

Southesk; river, tributary to Brazeau river, Alta. (Not Southesk Branch.)

South fork of Beaver creek. See Crystal.

South Fowl; lake, on Int. boundary, Thunder Bay district, Ont. (Not Cock.)

Southgate; river, flowing southwesterly into Bute inlet, Coast district, B.C.

South Heart; river, flowing into the northwest end of Lesser Slave lake, Alta.

South Joggins. See Joggins.

South Joggings. See Joggins.

South Mya. See Mya.

South Nation; river, flowing through the counties of Grenville, Dundas, Stormont, Russell, and Prescott, and emptying into the Ottawa. (Not Little Nation, Nation, nor Petite Nation.)

South Porpoise. See Lelu.

South Rideau river. See Kemptville creek.

South Similkameen. See Similkameen.

South Thompson; river, flowing from the Shuswap lakes to Kamloops lake, Yale district, B.C.

South Wellington; post settlement, west of Nanaimo river, Vancouver island, B.C.

Southwest; bay, in lake Evans, Abitibi district, Que.

Southwest; point, Anticosti island, Saguenay county, Que. (Not South West.)

Soyers; lake, Minden township, Haliburton county, Ont.

Spallumcheen. See Shuswap.

Spar; lake, south of Separation lake, Kenora district, Ont.

Sparrow; island, southwest of Stovin I., Brock group, St. Lawrence R., Leeds Co., Ont.
Spearing; mount, north of Tulameen river, Yale district, B.C.
Spectacles; rocks, 1½ miles west of Gananoque, St. Lawrence river, Leeds county, Ont.
Spectacles; islands (2) north of Wolfe I., St. Lawrence R., Frontenac Co., Ont.)
Spence; lake, south of L. Winnipegosis, Man.
Spencer; creek, tributary to Bow river, Alta.
Spicer; harbour and island, north shore of Hudson strait, N.W.T.
Spike; peak, northeast of Moberly, Rocky mountains, Kootenay district, B.C.
Spillimacheen; mountain, and river tributary to Columbia river, Kootenay district, B.C. (Not Spill En Mee Chene nor Spillimichene.)
Spilsbury; island, Navy group, St. Lawrence river, Leeds county, Ont.
Spire; island and ledge, S. of Frederick Pt., Prince Rupert harbour, Coast dist., B.C.
Spirit; creek, tributary to Wild Horse river, Kootenay district, B.C.
Spirit; river, also Spirit River, post settlement, central Alberta.
Spirit. See Beauchamp.
Spit; head, westerly extreme of Howe island, St. Lawrence river, Frontenac Co., Ont.
Split; cape, Kings county, N.S. (Not Splitt.)
Split; lake, on Nelson river, Manitoba.
Spong; island, northeast of Whitney point, St. Lawrence river, Leeds county, Ont.
Spray; mountains and river, south of Bow river, Rocky Mountains park, Alta
Springer; point, on the south side of Sonora island, Coast district, B.C.
Springhill; post settlement, west of Fredericton, York county, Ont.
Springhill; village, Compton county, Que. (Not Spring Hill.)
Sproat; mount, north of Upper Arrow lake, Kootenay district, B.C.
Spruce; river, flowing southerly into the Saskatchewan at Prince Albert, Sask. (Not Little Red.)
Sprucegrove; post office, west of Edmonton, Alta. (Not Spruce Grove.)
Squamish; pass and post office, also river entering the head of Howe sound, B.C.
Squally; reach, in southern portion of Saanich inlet, Vancouver island, B.C.
Square; bay, east of Dominion point, Manitoulin island, Manitoulin district, Ont.
Square; brook, flowing into Minas channel, Kings Co., N.S. (Not Square Cove brook.)
Square; lake, northeast of L. LaBiche, central Alberta.
Square. See Squire.
Squaw. See Brock.
Squire; point, on Call creek, between Johnstone strait and Knight inlet, Coast district, B.C. (Not Square.)
Squirrel. See Footprint.
Srigley; bay, south shore of Manitoulin island, Manitoulin district, Ont.
Stafford; rock, north of Western Duck island. Manitoulin district, Ont.
Stainforth. See Staniforth.
Stake; creek, flowing into Quiet lake, Yukon.
Stanawan; lake, S.W. of Dinorwic L., Kenora district, Ont. (Not Grassy River lake.)
Stanford; range of mountains, between Columbia and Kootenay rivers, B.C.
Staniforth; point, entrance to Gardner canal, Coast district, B.C. (Not Stainforth.)
Stanley; a spur of the Valkyr mountains, Kootenay district, B.C.

Stanley; island, near Summerstown, Glengarry county, Ont. (Not Craigs.)
Stanley; river, tributary to Tatshenshini river, Cassiar district, B.C.
Stanley; village, York county, N.B. (Not Stanley Village.)
Stanley Corners; post office, Carleton county, Ont. (Not Stanley's Corners.)
Stanley Mills; post office, Peel county, Ont. (Not Stanley's Mills.)
Stanley Village. See Stanley.
Stanzhikimi; lake, west of Tawatinaw lake, Kenora district, B.C.
Stapledon; island, E. of Lelu I., near entrance Inverness passage, Coast district, B.C.
Star; creek, branch of Hunker creek, Yukon.
Starnesboro; post office, Huntingdon county, Que. (Not Starnesborough.)
Starr; creek, tributary to Pelly river, between Hoole and Ketza rivers, Yukon.
Starvation. See Strawberry.
Stave; island, Navy group, St. Lawrence river, Leeds county, Ont. (Not Big Stave.)
Steamboat. See Shawatum.
Steel. See Hayes.
Steele; town, Kootenay district, B.C. Railway station of same name 7 miles south of town. (Not Fort Steele.)
Steep; creek, tributary to Beaverfoot river, Rocky mountains, Kootenay district, B.C.
Steepbank; river, emptying into lake Claire, Alta. (Not Steep Bank nor Steep-bank.)
Steeprock; lake, west of Crane bay, also point east of Peonan point, L. Manitoba. (Not Steep Rock.)
Steeprock; river, flowing to northerly end of L. Winnipegosis, Man. (Not Steep Rock.)
Steevens; island, north of Greene island, Manitoulin district, Ont. (Not Cariboo nor Little Green.)
Stelako. See Stellako.
Stella; village, on telegraph trail near mouth of Stellako river, Coast district, B.C.
Stellako; river, connecting Français and Fraser lakes, B.C. (Not Stelako.)
Stephen; lake, north of Kakagi lake, Kenora district, Ont.
Stephen; mount, and railway station, Kootenay district, B.C.
Stephens. See Navy.
Sterling. See Stirling.
Stevens; creek, north of Whatshan lake, Kootenay district, B.C.
Stevens; island, Southgate group, Queen Charlotte sound, Coast district, B.C.
Stevens; mount, south of Wheaton river, southern Yukon.
Stevens. See Navy.
Stewart; canyon, Cascade river, Rocky Mts. park, Alta.
Stewart; lake, west of Parrywood station, Kenora district, Ont.
Stewart; river, tributary to Yukon river, Yukon.
Stewart; rock, in Owen channel, Manitoulin district, Ont.
Stewart. See Rouyn.
Stewart. See Stuart.
Stick-ah-din. See Stikyardin.
Stickelahn. See Stikela.
Stikela; creek, flowing into Tatlayoko lake, Coast district, B.C. (Not Stickelahn.)
Stikine; river, Cassiar district, B.C. (Not Stickeen nor Stikeen, etc.)

Stikyadin; lake, and mountains, at junction of Bulkley and Skeena rivers, Cassiar district, B.C. (Not Stick-ah-din.)

Stimson; creek, tributary to Highwood river, Alta. (Not S. Branch of Highwood R.)

Stimukoktok; cape, east shore Ungava bay, Que.

Stirling; lake and village, southwestern Alta. (Not Sterling nor Eighteen Mile lake.)

Stittville; post village and railway station, Carleton county, Ont. (Not Stittsville.)

Stockham; island, east of Opitsat, Clayoquot sound, Vancouver island, B.C.

Stockmer; mount, north of Howard creek, Selkirk Mts., Kootenay district, B.C.

Stockwell; lake, Tp. 27, R. 8 and Tps. 27 and 28, R. 9, W. 3 M., Sask. (Not Red Deer.)

Stokes; bay and river, in Bruce county, Ont.

Stone; island, southeast of Stockham island, Clayoquot sound, Vancouver I., B.C.

Stone. See Mirond.

Stoneberg; cove, Weller bay, Prince Edward county, Ont.

Stoneburgh; cove, Weller B., Ameliasburg Tp., Pr. Edw. Co., Ont. (Not Stoneburgh's.)

Stonecliff; railway station and village, Renfrew county, Ont. (Not Rockliffe.)

Previous decision revised, P.O. Dept. and Ry. Co. having changed the name to avoid confusion with the well known 'Rockcliffe' at Ottawa.'

Stonehouse. See Glengarry.

Stoney; creek and Stoney Creek village, Wentworth county, Ont. (Not Stony.)

Stony; creek, tributary to M'Clintock river, Yukon.

Stony; islet, north of Kincardine, Bruce county, Ont.

Stony, lake, Burleigh township, Peterborough county, Ont.

Stony; point, north of Corbay point, Manitoulin district, Ont.

Stony; point, Presque'ile bay, Brighton Tp., Northumberland Co., Ont. (Not Stoney.)

Stony. See Barrie.

Stony. See Blake.

Stony. See Melfort.

Stony. See Okemasis.

Stony. See Stoney.

Stonyplain; post office, west of Edmonton, Alta. (Not Stony Plain.)

Stoplog; lake, Burleigh township, Peterborough county, Ont. (Not Stop Log.)

Storm; creek, tributary to Highwood river, Alta.

Storm; mountain, north of mount Ball, Alta. and Kootenay district, B.C.

Stormy; lake, Glamorgan township, Haliburton county, Ont.

Stovel; peak, south of Talaha bay, Tagish lake, Cassiar district, B.C.

Stovin; island, Brock group, St. Lawrence R., Leeds, Ont. (Not Picnic nor Refugee.)

Straggle; lake, Harcourt township, Haliburton county, Ont.

Straight. See Opinaka.

Stranger; lake, southwest of Kimmewin lake, Kenora district, Ont.

Stratford; township, Wolfe county, Que.

Stratharbo; settlement, Northumberland county, N.B. (Not Strathabo.)

Strathcona; island, west of Crooks inlet, north shore of Hudson strait, N.W.T.

Strawberry; island, in lake Simcoe, Ontario county, Ont. (Not Starvation.)

Stuart; channel, southeast coast of Vancouver island, B.C.

Stuart; lake and river, tributary to Nechako river, Coast district, B.C. (Not Stewart.)

Stupart; bay, south shore of Hudson strait, Ungava, Que.

Sturgeon. See Crémazie.

Sturgeon. See Namew.

Sturgeon. See Nemei.

Sturgeon-weir; river, flowing into Cumberland lake, Sask. (Not Sturgeon Weir.)

Stutfield; peak, southeast of Mount Alberta, Rocky mountains, Alta.

Stutzer; mount, east of Nordenskiöld river, Yukon.

Sucker. See Garden.

Sucker. See Gladys.

Sucker. See Nemeibennuk.

Sugar. See Mulcaster.

Sugarbush; lake, Addington township, Ottawa county, Que. (Not Sugar Bush.)

Sugarloaf; mountain, northwest of Beaver mountain, Selkirk mountains, Kootenay district, B.C.

Sugarloaf; mountain, near Stikine river, north of Iskut river, Cassiar district, B.C.

Suggi; lake, on Grassberry river, central Saskatchewan. (Not Little Pelican.)

Sullivan; hill, north of St. Mary river, Kootenay district, B.C.

Sullivan; lake, south of Battle river, Alta. (Not Sullivan's.)

Sullivan; mount, east of mount Lyell, Rocky mountains, Alta.

Sullivan; mount, west of Dease lake, Cassiar district, B.C.

Sulphur; creek, tributary to Indian river, Yukon.

Sulphur; mountain, south of Banff, Alta.

Sumac. See Robert.

Sumach. See Everest.

Sumallo; river, tributary to Skagit river, Yale district, B.C. (Not Sumallow.)

Sumas; lake, post office, railway junction, and river, south of Fraser river, New Westminster district, B.C. (Not Sumass.)

Sumass. See Somass.

Sumass. See Sumas.

Summit; lake, south of lake Bernard, Cassiar district, B.C.

Summit; railway station, Kenora district, Ont.

Summit. See Sasakwei.

Sunday; lake, Rowell township, Kenora district, Ont.

Sunday; mountain, west of the north end of lake Laberge, Yukon.

Sunday; peak, east of Tagish lake, Cassiar district, B.C.

Sunshine; creek, east of Lower Arrow lake, Kootenay district, B.C.

Sunshine; lake, northeast of Manitou lake, Kenora district, Ont.

Sunwapta; river, flowing from Wilcox pass northwesterly into Athabaska river, Alberta.

Superior, Lake; (Fr. Lac Supérieur). The largest body of fresh water in the world and highest of the five great lakes of the St. Lawrence system.

Supply. See Depot.

Surge; narrows, easterly entrance to Okisollo channel, Coast district, B.C.

Surprise; lake, east of Atlin lake, Cassiar district, B.C. (Not Kusiwah.)

Surprise; lake, south of Onamakawash lake, Thunder Bay district, Ont.

Surprise; mountain, west of the north end of lake Laberge, Yukon.

Survey; mountain, at headwaters of Leech river, Vancouver island, B.C.

Surveyor; island, opp. Bucks bay, St. Lawrence R., Leeds Co., Ont. (Not Surveyor's.)

Suskwa; river, tributary to Bulkley river, near Hazelton, Cassiar district, B.C. (Not Bear nor Susqua.)

Sutherland; river, tributary to Inverness river, south of Lesser Slave lake, Alta.

Sutil; cape, at westerly entrance to Goletas channel, northerly coast of Vancouver island, B.C. (Not Commerell.)

Sutton; bay, at north end of lake Timiskaming, Ont. (Not Sutton's.)

Sutton; lake, north of Ekwan river, Patricia, Ont. (Not Sutton Mill lake.)

Sutton Junction; post office and railway station, Brome county, Que. (Not Drummondville Junction.)

Swamp; lake and portage, southwest of Saganaga lake, international boundary, Rainy River district, Ont.

Swan; island, in Columbia river, between Upper and Lower Arrow lakes, B.C.

Swan; lake and river, also Swan River, post office and railway station, Manitoba.

Swan; river, flowing northerly into Lesser Slave lake, central Alberta.

Swan. See Garson.

Swanson; channel, between Moresby and Pender Is., S.E. coast of Vancouver I., B.C.

Swanzy; mount, also glacier, east of Mt. Bonney, Selkirk Mts., Kootenay district, B.C.

Sweathouse; creek, tributary to Little Smoky river, Alta. (Not Sweat House.)

Swede; creek, tributary to Yukon river, above Dawson, Yukon.

Swede; island, southeast of Sturgeon bay, Thunder Bay district, Ont.

Sweet Herb. See Wekusko.

Swiss; peaks, Selkirk mountains, Kootenay district, B.C.

Sydney. See Sidney.

Sylvan; lake, east of Medicine river, southern Alberta. (Not Snake.)

Sylvia Grinnell; river, emptying into Frobisher bay, N.W.T.

Syndicate; lake, west of Manitou lake, Kenora district, Ont.

Syringa; creek, tributary to Columbia R., S. of Lower Arrow L., Kootenay dist., B.C.

T

Tabasintac. See Tabusintac.

Tabasokwia; river, tributary to upper Winisk river, Patricia district, Ont.

Tabernacle; mountain, Selkirk range, Kootenay district, B.C.

Tabisintac. See Tabusintac.

Table; mountain, Tp. 4, R. 2, W. 5 M., southern Alberta.

Tabusintac; river and village, Northumberland county, N.B. (Not Tabasintac nor Tabisintac.)

Tache; railway station, Kenora district, Ont.

Tachick; lake, on telegraph trail, south of Nechako river, Coast district, B.C.

Tacho. See Tatsho.

Tackle; creek, tributary to Wild Horse river, Kootenay district, B.C.

Tadoussac; township and village, Saguenay county, Que. (Not Tadousac.)

Taggart; creek and lake, tributary to Cowan river, central Sask. (Not Rat.)

Tagish; lake and post office, east of Bennett lake, Cassiar district, B.C., and Yukon.

Tahltan; lake, and river tributary to Stikine river, Cassiar district, B.C.

Tahte. See Nisling.

Taibi; lake, south of Mattagami lake, Abitibi district, Que.

Takakkaw; falls, Yoho river, Rocky mountains, Kootenay district, B.C.

Takipy. See Kississing.

Takhini; river, tributary to Lewes river, Yukon.

Taku; arm of Tagish lake, Cassiar district, B.C. and Yukon.

Taku; river, Cassiar district, B.C.

Taku. See Graham.

Talaha; bay, in Taku arm of Tagish lake, Cassiar district, B.C.

Talbot; lake, Redditt township, Kenora district, Ont.

Tallan; lake, Chandos township, Peterborough county, Ont. (Not Tallan's.)

Tallon; creek, tributary to Beaverfoot R., S.E. of Leanchoil, Kootenay district, B.C.

Taltmain; lake, south of lower Pelly river, Yukon.

Tamagaming. See Timagami.

Tangamong; lake, Lake township, Hastings county, Ont. (Not Tangamongue.)

Tangier; harbour, island ,lake, and town, Halifax Co., N.S. (Not Tangier Grand lake.)

Tantalus; butte, near confluence of Lewes and Nordenskiöld rivers, Yukon.

Tanzilla; river, tributary to Stikine river, Cassiar district, B.C.

Taouagadec. See Tawagadik.

Tapani; lake and river, tributary to Lièvre river, Montcalm county, Que. (Not Tapanee nor Tepanee.)

Tar; island, east of Rockport, St. Lawrence river, Leeds county, Ont.

Tarte; bay, in Kitimat arm, Coast district, B.C.

Taseco. See Taseko.

Taseko; lakes (2) and river, tributary to Chilko river, Lillooet district, B.C. (Not Taseco nor Whitewater.)

Tasheigama. See Asheigamo.

Tashka; rapids, upper Winisk river, above Tabasokwia R., Patricia district, Ont.

Tasin; mountains, upper Stewart river, Yukon.

Tasso; lake, Finlayson township, Nipissing district, Ont.

Tasurak. See Payne.

Tatchun; river, tributary to Lewes river, between Rink and Five-finger rapids, Yukon. (Not Tatchum.)

Tatiki. See Tattiki.

Tatla; lake, headwaters of Chilanko river, Coast district, B.C.

Tatlahco. See Tatlayako.

Tatlayako; river, tributary to Bella Coola river ,Coast district, B.C. (Not Tatlahco nor Tatlayoo.)

Tatlayoco. See Tatlayoko.

Tatlayoko; lake, west of Chilko lake, Coast district, B.C. (Not Tatlayoco.)

Tatlayoo. See Tatlayako.

Tatlow; mount, east of Chilko lake, Lillooet district, B.C.

Tatonduk; river, tributary to Yukon river, Yukon. (Not Tatonduc.)
Tatshenshini; river, tributary to Alsek river, Cassiar district, B.C. and Yukon.
Tatsho; creek, tributary to Tanzilla river, Cassiar district, B.C.
Tatsho; mountain, Cassiar district, B.C. (Not Tacho, nor Eightmile.)
Tattiki; bay, in Taku arm of Tagish lake, Cassiar district, B.C. (Not Tatiki.)
Tawagadik; river, flowing into Matane river, Matane county, Que. (Not Taonagadec nor Towagodi.)
Tawatinaw; lake and river, in eastern portion of Kenora district, Ont.
Tawatinaw; river, flowing into Athabaska river, near Athabaska Landing, Alta.
Tawina; creek, tributary to Silver Salmon river, Cassiar district, B.C.
Taxes; river, trib. to Miramichi R., York Co., N.B. (Not Taxis, Taxous nor Texas.)
Taxis. See Taxes.
Taxous. See Taxes.
Tay; river ,tributary to Pelly river, Yukon.
Taye; lake, southeast of Hutshi lakes, Yukon.
Taylor; island, south of Port Dover, Halifax county, N.S. (Not Dover nor Taylor's.)
Taylor; reef, Misery bay, Manitoulin island, Manitoulin district, Ont.
Taysen; lake, northwest of Ruth lake, Cassiar district, B.C.
Tchork-back. See Chorkbak.
Tea; lake, in Algonquin National park, Nipissing district, Ont.
Teal; lake, on Grass river, Manitoba.
Tecumseh; cove, Cove island, at entrance to Georgian bay, Bruce county, Ont.
Teggau; lake, southeast of Winnange lake, Kenora district, Ont. (Not Clearwater.)
Tekarra. mount, east of Athabaska R., opposite the mouth of Miette R., Alta.
Telegraph; creek, tributary to Stikine river, Cassiar district, B.C.
Telegraph Creek; village, Cassiar district, B.C.
Telegraph; island and narrows, bay of Quinte, Hastings and Prince Edward Cos., Ont.
Telkwa; river, tributary to Bulkley R. Coast district, B.C. (Not Tel-kwa nor Telqua.)
Temagami. See Timagami.
Temiscaming. See Timiskaming.
Temiskaming. See Timiskaming.
Tempest; lake, south of Surprise lake, Thunder Bay district, Ont.
Temple; mount, east of mount Lefroy, Alta.
Tenants. See Terence.
Tendinenda; lake, Mack and Scarfe townships, Algoma district, Ont. (Not Madendanada, Matinatinda, nor Tendinendan.)
Tenecape. See Tennycape.
Tenny; cape, Hants county, N.S. (Not Teny.)
Tennycape; river and village, Hants county, N.S. (Not Tenecape nor Tenycape.)
Ten Peaks; valley of, east of mount Temple, Alta. (Not Desolation nor Lonely.)
Tent. See Peel.
Tent Island (shoal). See Peel.
Teny. See Tenny.
Tenycape. See Tennycape.

Terence; basin, bay, river, and rock, also Terence Bay post settlement; Halifax county, N.S. (Not Tenants bay, Tern bay, Turner bay, nor Turnerbay rock.)

Teresa; island, in Atlin lake, Cassiar district, B.C. (Not Goat.)

Terminal; peak, Selkirk mountains, Kootenay district, B.C. (Not Green's peak.)

Terrace; ridge, on Porcupine river, northeast of mount Dewdney, Yukon.

Terrahina; creek, tributary to Nakina R., Cassiar district, B.C. (Not Terra Heena.)

Terry; point, at southeast entrance to Johnston harbour, Bruce county, Ont.

Tesaycau. See Tesekau.

Tesekau; lake, an expansion of the lower part of Marten river, Mistassini district, Que. (Not Tesaycau.)

Teslin; lake and river, B.C. and Yukon. (Not Hootalinqua nor Teslin-too.)

Tesse-Clewee. See Klewi.

Tetagouche; river, Gloucester county, N.B. (Not Teteaguche nor Tete à Gouche.)

Teteagouche. See Tetagouche.

Tétreauville; post office, Laval county, Que. (Not Tétreaultville.)

Texas. See Taxes.

The Beehive; mountain, west of lake Louise, Alta.

The Big (slough). See Alexander.

The Bishops; range of mountains, in the Selkirks, Kootenay district, B.C.

The Coteau; the eastern edge of a prairie steppe, southern Saskatchewan.

The Dome; mountain, northeast of Mt. Bonney, Selkirk Mts., Kootenay district, B.C.

The Elbow. See Elbow.

The Goat's Looking Glass. See Agnes.

The Golden Ears. See Blanshard.

The Grove; post village, east of London, Middlesex county, Ont.

The Knob; mountain, near Stikine R., N. of Iskut R., Cassiar, B.C. (Not "Knob.")

The Lake. See Cobb.

Thelew. See Thelon.

Thelon; river, tributary to Dubawnt river, N.W.T. (Not Ark-e-leenik nor Thelew.)

The Mitre; mountain, east of mount Lefroy, Alta.

The Monarch; mountain, S.W. of Mt. Bourgeau, Rocky Mts., Kootenay district, B.C.

The Narrows; in South bay, Manitoulin island, Manitoulin district, Ont.

The Needles; narrows, Lower Arrow lake, Kootenay district, B.C.

The Overlook; mountain, in the Selkirks, Kootenay district, B.C.

The Pas; a post of the H. B. Co., and post office, near mouth of Carrot R., Manitoba.

The President; mountain, north of Emerald mountain, Rocky mountains, Kootenay district, B.C. Named for the president of the C.P.R. Co. *See also* President.

The Punts; islands, Lake Fleet group, St. Lawrence river, Leeds county, Ont.

The Rampart; ridge, between Mt. Afton and "The Dome," Selkirk Mts., B.C.

The Ridge; bar, in Owen channel, Manitoulin district, Ont.

Thérien; lakes, in eastern Alberta.

The Saddle. See Saddle mountain.

The Stragglers. See Wenkchemna.

The Steeples; mountains, east of Kootenay river, Kootenay district, B.C.

Thetford; railway station, river, township, and village, Megantic county, Que. (Not Thetford Mines, station and village.)

The Three Guardsmen; mountains, south of Aishihik lake, Yukon.

Thetis; island, north of Kuper island, southeast coast of Vancouver I., B.C.

The Twins. See Twin peaks.

The Vice President; mountain, President range, Rocky mountains, Kootenay district, B.C. (Not Angle peak.) So named for the vice-president of the C.P.R. Co.

The Wart; hill, at mouth of Koksoak river, Ungava, Que.

Thibault; shoal, running south from Manitoulin island to Inner Duck island, Manitoulin district, Ont.

Thibert; creek, flowing into the northerly end of Dease lake, Cassiar district, B.C.

Thickwood; hills, central Saskatchewan.

Thirty-one-mile; lake, Ottawa county, Que. (Not Grand Lac du Commissaires.)

Thistle; creek, tributary to Yukon river, above White river, Yukon.

Thistle; reef, in Portage bay, Manitoulin island, Manitoulin district, Ont.

Thleweechodezeth. See Backs.

Thom; mount, north of Dartmouth, Halifax county, N.S. (Not Tom.)

Thomas; bay and point, near South Baymouth, Manitoulin district, Ont.

Thomas; river, emptying into the northerly end of Frances L., Yukon. (Not Tootlas.)

Thomasine. See Tomasine.

Thompson; cove, east of cape Spencer, St. John county, N.B.

Thompson; creek, tributary to Watson river, southern Yukon.

Thompson; mount, northwest of Bow lake, Alta. (Not Thompson's.)

Thomson; lake, Lake township, Hastings county, Ont. (Not Thomson's.)

Thor; mount, west of Upper Arrow lake, Kootenay district, B.C.

Thorn. See Maple.

Threefork; river, flowing into Wabigoon lake, Kenora district, Ont. (Not Three Fork.)

Threehills; creek, north of Kneehills creek, Alta. (Not Three Hills.)

Threemile Plains; post village, Hants county, N.S. (Not Three Mile Plains.)

Threemount; bay and point, east of McIntyre bay, L. Nipigon, Thunder Bay district, Ont. (Not Three Mount nor Three Mountain.)

Threepoint; creek, tributary to Sheep river, also mountain, southern Alberta.

Threepoint; lake, on Burntwood river, Manitoba. (Not Nistowasis.)

Three Sisters; mountain peaks, south of Canmore, Rocky Mountains park, Alta.

Thron-diuck. See Klondike.

Thrumcap; shoal, at entrance to Halifax harbour, Halifax county, N.S.

Thumb. See Galena.

Thunder; bay, and cape at east entrance to the bay, Thunder Bay district, Ont.

Thunder; creek, flowing into Pelican lake, southern Saskatchewan.

Thunder; lake, north of Wabigoon lake, Kenora district, Ont.

Thurlow; township, Hastings county, Ont.

Thwartway; island, Admiralty group, St. Lawrence river, Leeds county, Ont. (Not Leak or Leek.)

Tiahn. See Tian.

Tian; point, Graham island, Queen Charlotte Is., Coast district, B.C. (Not Tiahn.)

Ticouabi. See Tikuape.

Tidds; island, Admiralty group, St. Lawrence river, Leeds county, Ont.

Tide; lake, English river, below Maynard lake, Kenora district, Ont.

Tide; rock, Southgate group, Queen Charlotte sound, Coast district, B.C.

Tiernan. See Ogoki.

Tiger; brook, tributary to rivière des Quinze, Pontiac county, Que.

Tigonankweine; range of mountains, Gravel R. N.W.T. (Not Tigenankwene.)

Tikonabi. See Tikuape.

Tikuape; post office and river, Lake St. John county, Que. (Not Ticouabi, Tikonabe, Tikouabi, Tikouape, nor Tikouapee.)

Til-e-i-tsho. See Tillei.

Tillei; lake, north of Frances lake, Yukon. (Not Til-e-i-tsho.)

Tilley; mount, east of Mt. Mackenzie, Kootenay district, B.C.

Tillsonburg; town, Oxford county, Ont. (Not Tilsonburg.)

Tilted; mountain, west of Lychnis mountain, Rocky mountains, Alta.

Timagami; lake, Nipissing district, Ont. (Not Tamagaming nor Temagami.)

Timber; bay, and Timber Bay shoal, S. shore of Manitoulin I., Manitoulin dist., Ont.

Timiskaming; lake, Timiskaming district, Ontario, and Pontiac county, Quebec. (Not Temiscaming, Temiscamingue, nor Temiskaming.)

Tinson; point, Gabriola island, strait of Georgia, B.C. (Not Rocky.)

Tintina; valley, central Yukon. A great depression occupied successively by Pelly, Kalzas, Stewart, and Klondike rivers, and extending to the Yukon.

Tisiriuk; lake, emptying into Leaf river, Ungava, Que. (Not Seal.)

Tlet-tlan-a-tsoots. See Finlayson.

Tobermory; harbour and village, at N.W. extreme of Saugeen peninsula, Bruce Co., O.

Tobey; point, west side of Prince Rupert harbour, Coast district, B.C.

Tobique; river, tributary to St. John river, from Nictor lake, Restigouche and Victoria counties, N.B. The names 'Nictor' and 'Little Tobique,' applied to that portion of the river above 'the forks,' to be dropped.

Toby; creek, flowing easterly into Columbia river, at Athalmer, Kootenay district, B.C. (Not Toba.)

Tod; creek and inlet, Saanich inlet, Vancouver island, B.C.

Todman; reef, at mouth of Thomas bay, Manitoulin island, Manitoulin district, Ont.

Todnustook. See Tulnustuk.

Tofino; inlet, also townsite on Low peninsula, Clayoquot sound, Vancouver I., B.C.

Tokumm; creek, south of Deltaform mountain, Kootenay district, B.C.

Tolmie; reef, between Kincardine, and Clark point, Bruce county, Ont.

Tom. See Thom.

Tomasine; river, Pontiac county, Que. (Not Thomasine nor Tomassino.)

Tombstone; mountain, northeast of Kananaskis lakes, southern Alberta.

Tomkinson; point, Ursula channel, Coast district B.C. (Not Tomkinsin.)

Tomlinson. point, Blunden harbour, Queen Charlotte sound, Coast district, B.C.

Tonkawatla; river, tributary to Columbia R., Kootenay dist., B.C. (Not Tonca Watla.)

Toochi. See Tutshi.

Too-flat; creek, tributary to Klondike river, Yukon.

Toohoolitas. See Tuhulitas.

Toolnustook. See Tulnustuk.

Too-much-gold; creek, tributary to Klondike river, Yukon.

Too-tlas. See Thomas.

Tooya. See Tuya.

Topham; mount, southeast of Mt. Macoun, Selkirk mountains, Kootenay district, B.C.

Torch; lake, southwest of Candle lake, central Sask. (Not Little Candle.)

Torch; river, emptying into Cumberland lake, eastern Sask. (Not Big Sturgeon.)

Tornait. See Newton.

Torrent. See St. Mary.

Torres; channel, between Teresa and Copper islands and west shore of Atlin lake, Cassiar district, B.C. (Not West channel, Torres straits, nor Tory inlet.)

Tortue; river, Saguenay county, Que. (Not Fall.)

Tortue. See Orme.

Tory. See Torres.

Totogan; lake, north of Kanuchuan river, upper Winisk R., Patricia district, Ont.

Touchwood; hill, southern Saskatchewan.

Toussaint; island, above Iroquois point, St. Lawrence river, Dundas county, Ont. (Not Tousaint's, Toussaint's, nor Toussons.)

Toussons. See Toussaint.

Towagodi. See Tawagadik.

Tower; creek, tributary to St. Mary river, Kootenay district, B.C.

Tower; peak, north of Quiet lake, Yukon.

Tower of Babel; mountain, east of Moraine lake, southern Alberta

Towincut; creek and mountain, S. of Cowichan L., Vancouver I., B.C. (Not Nixon.)

Toyehill; post office, Dundas county, Ont. (Not Toy's Hill.)

Tracy; creek and post office, east of Kootenay river, north of Steele, Kootenay, B.C.

Trade; lake, on Churchill river, above Reindeer river, Sask. (Not Island lake.)

Trading; lake, Ridout township, Muskoka district, Ont.

Traffic; mountain, north of Pelly lakes, Yukon.

Trail. See Chungo.

Tramping; lake, southwest of Battleford, Sask.

Trap; mountain, west of Sooke river, Vancouver island, B.C.

Trapper; creek, tributary to W. fork of Kettle river, Yale district, B.C. (Not E. Fork of W. Fork of Kettle River.)

Travers (lac de); lake, at headwaters of St. Maurice river, Champlain county, Que.

Traverse; bay, mouth of Winnipeg river, Manitoba.

Tremayne; bay, in southern portion of Digby island, Coast district, B.C.

Trent; river, flowing into the bay of Quinte at Trenton, Hastings and Northumberland counties, Ont.

Trenton; town, at western end of the bay of Quinte, Hastings county, Ont.

Triangle; lake, southeast of lake Nipigon, Thunder Bay district, Ont.

Trident; mountain, southwest of Kinbasket lake, Kootenay district, B.C.

Trident; point, on north shore of the bay of Quinte, Hastings Co., Ont. (Not Long.)

Trincomali; channel, between Galiano and Saltspring islands, southeast coast of Vancouver island, B.C. (Not Trincomalee nor Trincomalie.)

Trivet; point, on the northerly portion of Princess Royal island, Coast district, B.C.

Trodely; island north of Charlton I., James bay, Ungava, Que. (Not Little Charlton.)
Trois Bras. See Holden.
Trolltinder; mountain, south of mount Balfour, Kootenay district, B.C.
Troughton; island, Lake Fleet group, St. Lawrence river, Leeds county, Ont.
Trout; creek, branch of McDame creek, Dease river, Cassiar district, B.C.
Trout. See Buntzen.
Trout. See Crean.
Trout. See Hayes.
Truda; peaks, Hermit range, Selkirk mountains, Kootenay district, B.C.
Tsetelui; lake, at headwaters of Kakuchuya R., Cassiar district, B.C. (Not Tseteloui.)
Tshensagi. See Chensagi.
Tsichu; river, tributary to Gravel river, N.W.T. (Not Tsi-Choo.)
Tsinkut. See Sinkut.
Tuck; inlet, narrows, and point, north of Prince Rupert harbour, B.C. (Not Tuck's.)
Tudjakdjuan. See Resolution.
Tudjakdjudusirn. See Gabriel.
Tugwell; creek, west of Otter point, Juan de Fuca strait, Vancouver island, B.C.
Tuhulitas; inlet, north of Cyrus Field bay, N.W.T. (Not Toohoolitas.)
Tulameen; mountain, river, and village, Yale district, B.C. (Not Tulameen city.)
Tulip; creek, east of Lower Arrow lake, Kootenay district, B.C.
Tullin; mountain, west of outlet of Chilko L., Coast district, B.C. (Not Tull-in.)
Tulnustuk; river, Saguenay county, Que. (Not Todnustook nor Toolnustook.)
Tummel; river, tributary to Pelly river, Yukon.
Tun; island, Blind bay, Halifax county, N.S. (Not Tuns.)
Tunagamik; lake, at headwaters of Ottawa river, Joliette county, Que.
Tunnussaksuk; point, east shore of Ungava bay, Que.
Tupper; mount, also glacier in the Selkirks, Kootenay district, B.C.
Turn. See Dryad.
Turnagain; point, at entrance to Lynx bay, L. Winnipeg, Man. (Not Saskatchewan.)
Turner; mount, east of Stikine river and north of Iskut river, Cassiar district, B.C.
Turner. See Terence.
Turner. See Whitehorn.
Turnerville. See Ennett.
Turning; island, near S. point of Cove I., entrance to Georgian bay, Bruce Co., Ont.
Turquoise; lake, east of mount Balfour, Alberta.
Turtle; mountain, southwestern Manitoba.
Turtle; point, on northerly portion of Gil island, Coast district, B.C.
Turtle. See Jarvis.
Tuscarora; post settlement and railway station, Brant Co., Ont. (Not Middleport.)
Tusket; island and village, Yarmouth county, N.S. (Not Great Tusket island.)
Tustles; lake, north of Frances lake, Yukon. (Not Tus-tles-tu.)
Tutchi. See Tutshi.
Tutesheta; creek, tributary to Tahltan river, Cassiar district, B.C. (Not Tuteshita.)
Tutshi; lake and river, S.E. of Bennett L. Cassiar dist., B.C. (Not Toochi nor Tutchi.)
Tuttle; point, at entrance to Stupart bay, Hudson strait, Ungava, Que.

Tuvalik; Indian village, west coast of Ungava bay, Que.

Tuya; lake, and river tributary to Stikine river, Cassiar district, B.C. (Not Tooya.)

Tuzo; mount, east of Deltaform mountain, Bow range of the Rockies, Alta. and B.C.

Twelve Mile. See Bronte.

Twelve o'clock; point, at the eastern entrance to Murray canal, Murray township, Northumberland county, Ont.

Twilight; lake, southwest of Cliff lake, Kenora district, Ont.

Twin; butte and creek, near Twin Butte railway station, Kootenay district, B.C.

Twin; falls, on the upper part of Yoho river, Kootenay district, B.C.

Twin; peaks, north of Columbia glacier, Rocky Mts., Alta. (Not The Twins.)

Twin. See Dunsmuir.

Twin. See Vrooman.

Twin Sisters; islands, Brock group, St. Lawrence river, Leeds county, Ont.

Twitya; river, tributary to Gravel river, N.W.T. (Not Twityeh.)

Two-bit; creek, east of Lower Arrow lake, Kootenay district, B.C.

Two Rivers; lake of, in Algonquin National park, Nipissing district, Ont.

Tyaughton; mountains, also river flowing into Bridge river, Lillooet district, B.C.

Tyee; lake and telegraph station, on trail near Bulkley river, Cassiar and Coast districts, B.C. (Not Long.)

Tyendinaga; township, Hastings county, Ont.

Tyers; river, tributary to Frances river, near Frances lake, Yukon.

Tyne; point, Departure bay, east coast of Vancouver island, B.C.

Tyrrell; lake, Tp. 5, Rs. 17 and 18, W. 4th M., southern Alberta. (Not Tyrrell's.)

Tzuhalem; mountain and post settlement, north of Cowichan river, Vancouver island, B.C. Not Tzouhalem.)

U

Uibvaksoak. See Uinaksoak.

Uinaksoak; cape, east shore Ungava bay, Que. (Not Uibvaksoak.)

Unahini; river, tributary to Tatshenshini river, Yukon.

Unaminnikan. See Manomin.

Ungava; bay, in northern portion of the province of Quebec.

Unger; island, bay of Quinte, mouth of Napanee R., Lennox Co., Ont. (Not Unger's.)

Union; bay, east side of Saanich inlet, Vancouver island, B.C.

Unwin; mount, southwest of the narrows of Maligne lake, Rocky Mts., western Alta.

Uphill; lake, northeast of Manitou lake, Kenora district, Ont. (Not Moonshine nor Kasakacheweiwak.)

Upinnakaw. See Opinnagau.

Upper Arrow; lake, an expansion of Columbia river, Kootenay district, B.C.

Upper Bow. See Bow.

Upper Emerald. See Yoho.

Upper Kootanie. See Duncan.

Upper Lahave; village, Lunenburg county, N.S. (Not Upper La Have.)

Upper Manitou. See Anzhekumming.

Upper Savage; islands, east of Big island, Hudson strait, N.W.T. (Not Savage.)

Upper White Fish. See Jarvis.

Urd; a peak of the Valhalla mountains, Kootenay district, B.C.

Ursula; channel, east of Gribbell island, Coast district, B.C.

Ursus Major; mountain, Hermit range, Selkirk mountains, Kootenay district, B.C.

Ursus Minor; mountain, Hermit range, Selkirk mountains, Kootenay district, B.C.

Usatzes; point, N.E. point of Low peninsula, Clayoquot sound, Vancouver I., B.C.

Uto; peak, near mount Sir Donald, Selkirk mountains, Kootenay district, B.C.

V

Vadso; rock, off the southwest point of Larcom island, Observatory inlet, Cassiar district, B.C.

Valdes; island, in the southern portion of the strait of Georgia, B.C.

Valdes. See Maurelle, Quadra, and Sonora. Recent surveys proved that the name Valdes covered three islands, which have been named separately as above, and the former name has been discarded to avoid duplication.

Valhalla; mountains, west of Slocan lake, Kootenay district, B.C. (Not Val Halla.)

Valkyr; mountains, east of Lower Arrow lake, Kootenay, B.C. (Not Valkyriur.)

Valley; river, flowing easterly into Dauphin lake, Manitoba.

Valleyview; post office, north of Wapella, Sask. (Not Valley View.)

Valois; village, Jacques Cartier county, Que. (Not Valoisville.)

Valoisville. See Valois.

Van Buren; island, northeast of Tar island, St. Lawrence river, Leeeds county, Ont.

Vancouver; creek, tributary to McQuesten river, Yukon.

Van Hooven. See Van Houten.

Van Horne; brook, glacier, névé, and range of mountains, Kootenay district, B.C.

Van Houten; creek, E. of Lower Arrow L., Kootenay district, B.C. (Not Van Hooven.)

Vankoughnet; bay, east of The Narrows, L. Manitoba, Man.

Vansittart; island, northeast of Grenadier island, St. Lawrence river, Leeds Co., Ont.

Vaudray; lake, Vaudray township, Pontiac county, Que. (Not Long.)

Vaudreuil; bay, railway station, rapids, and post village, also Vaudreuil Station post office, Vaudreuil county, Que. (Not Dorion.)

Vaux; mount, also glacier, northeast of Leanchoil station, Kootenay district, B.C.

Venn; passage between Metlakatla bay and Prince Rupert harbour, B.C.

Ventego; mountain, Selkirk range, Kootenay district, B.C.

Verdigris; coulée and lake, north of Milk river, southern Alberta.

Vermilion; bay and railway station, Eagle L., Kenora district, Ont. (Not Vermillion.)

Vermilion...See Little Vermilion.

Vermilion. See Pink.

Vermilion. See Red.

Verney; passage, between Hawkesbury and Gribbell islands, Coast district, B.C.

Vertebrae; mountain, north of Bush river, Rocky Mts., Kootenay district, B.C.

Verte-Vallée; post office, Vaudreuil county, Que. (Not Green Valley.)

Vertical; mountain, east of Kootenay river, Kootenay district, B.C.

Vesuvius; bay, Saltspring island, southeast coast of Vancouver island, B.C.

Vesuvius; hill, north of Wheaton river, southern Yukon.

Victoria; mount, also glacier, in the Bow range of the Rockies, Alta., and Kootenay district, B.C. (Not Mt. Green.)

Victoria; island, N.W.T. Portions of this island have been known as 'Victoria Land," "Prince Albert Land," and "Wollaston Land."

Victoria; island, Brock group, St. Lawrence river, Leeds county, Ont. (Not Mile.)

Vidette; peak, Sir Sandford range, Selkirk mountains, Kootenay district, B.C.

Vigilant; island, on north side of Prince Rupert harbour, B.C. (Not Bacon.)

Vigilant; rock, east of Grantham shoals, Manitoulin island, Manitoulin district, Ont.

Village Bélanger. See Bélanger.

Village Richelieu. See Richelieu.

Villanova; post office, Norfolk county, Ont. (Not Villa Nova.)

Villemontel; river tributary to Kinojevis R., Pontiac, Que. (Not Nawapitechin.)

Vingolf; mount, west of Slocan lake, Kootenay district, B.C.

Violadale; post village, Marquette electoral district, Man. (Not Viola Dale.)

Voisin (lac); lake, northeast of Taggart lake, central Saskatchewan.

Volcano; creek, tributary to Sheep river, southern Alberta.

Volunteer; spit, between Birch and Walker points, Manitoulin I., Manitoulin dist., Ont.

Von Wilczek; valley, on Lewes river, above Pelly river, Yukon.

Vowle; mount, west of Schwatka river, southern Yukon.

Vrooman; islands, McGregor cove, Bruce county, Ont. (Not Twin.)

Vulture; col, between mounts Gordon and Olive, Rocky mountains, Alta.

Vulture. See Winnange.

W

Waagan. See Wagan.

Waagoosh. See Waugush.

Wabakimi; lake, northwest of Smoothrock lake, Thunder Bay district, Ont.

Wabamun; lake, south of St. Ann, central Alberta. (Not White Whale.)

Wabanoni; river, emptying into Obaska lake, Abitibi district, Que. (Not Wabinoni.)

Wabasca. See Wabiskaw.

Wabaskoutyunk. See Kempt.

Wabaskus; lake, southeast of Abitibi lake, Pontiac county, Que.

Wabassi; brook, Templeton township, Ottawa county, Que.

Wabi; bay and creek, at the head of lake Timiskaming, Ont.

Wabigoon; lake, river, and railway station, Kenora district, Ont. (Not Wabigwunn.)

Wabigwunn. See Wabigoon.

Wabinoni. See Wabanoni.

Wabinosh; bay, lake, and river, on west side of L. Nipigon, Thunder Bay district, Ont.

Wabishkok; lakes, south of Kisseynew lake, Manitoba.

Wabiskaw; lakes and river, tributary to Peace river, northern Alberta. (Not Wabasca nor Wabiscaw.)

Waddell; bay, Frobisher bay, N.W.T. (Not Dyer sound.)

Wadopi; brook, tributary to upper Winisk river, Patricia district, Ont.

Wadsworth; lake, Tudor township, Hastings county, Ont.

Wagabkedei; lake, northwest of Attawapiskat lake, Patricia district, Ont.

Wagan; river, tributary to Restigouche R., Madawaska Co., N.B. (Not Waagan.)

Wagosh; bay and reef, Cockburn island, Manitoulin district, Ont. (Not Wahgoosh.)

Wagwabeya. See Wagwabika.

Wagwabika; lake, headwaters of Lièvre R., St. Maurice Co., Que. (Not Wagwabeya.)

Wahbiquekobing. See Wakwekobi.

Wahcomatagaming. See Wakomata.

Wahgoosh. See Wagosh.

Wahnapitae. See Wanapitei.

Wahquekobing. See Wakwekobi.

Wahwanichi. See Wakonichi.

Waiatt; bay, Okisollo channel, Coast district, B.C. (Not Wi-yat nor Wyatt.)

Wai-nusk. See Winisk.

Wainwright; basin, between S.E. end of Kaien I. and mainland, Coast district, B.C.

Waitabit; creek, flowing into Columbia river below Donald, Kootenay district, B.C.

Wakamagaming. See Wakami.

Wakami; lake, river, and Ry. station, Sudbury district, Ont. (Not Wakamagaming.)

Wakaw; lake, northwest of Basin lake, central Saskatchewan. (Not Crooked.)

Wakeham; bay, southwest of Wales sound, Hudson strait, Ungava, Que.

Wakinichi. See Wakonichi.

Wakomata; lake, north of Gould township, Algoma district, Ont. (Not Clear nor Wahcomatagaming.)

Wakonichi; lake, south of Mistassini lake, Mistassini district, Que. (Not Wahwanichi nor Wakinichi.)

Wakwekobi; lake, Day township, Algoma district, Ont. (Not Wahbiquekobing nor Wahquekobing.)

Walbran; point, north end of Loretta island, Devastation channel, Coast district, B.C.

Wales; cape, island, and sound, south shore of Hudson strait, Ungava, Que. (Not Prince of Wales.)

Walkem; islands, Johnstone strait, Coast district, B.C. (Not Pender.) This name adopted to avoid duplication, there being a Pender island further south.

Walker; creek, north of Sixtymile river, near international boundary, Yukon.

Walker; mount, north of Blaeberry, river, Rocky mountains, Kootenay district, B.C.

Walker; point, south shore Manitoulin island, Manitoulin district, Ont.

Walker; post office, Middlesex county, Ont. (Not Walker's.)

Walkhouse; bay and point, northeast of Inner Duck island, Manitoulin district, Ont.

Wallace; island, east of Lynedoch island, St. Lawrence river, Leeds county, Ont.

Wallace; island, N. of Saltspring I., S.E. coast of Vancouver I., B.C. (Not Narrow.)

Wallace; mount, southeast of Beaverdell, Yale district, B.C.

Wallace; mount, also river, south of Lesser Slave lake, central Alberta.

Wallace; rock, near South Baymouth, Manitoulin district, Ont.

Wallbridge; point, Ameliasburg township, Prince Edward county, Ont.

Wallenger; creek, tributary to Wild Horse river, Kootenay district, B.C.

Wall-eye; lake, south of Eagle lake, Kenora district, Ont.

Wallis; point, Nanoose harbour, east coast of Vancouver island, B.C.

Walsh; lake, north of Rosamond lake, Kenora district, Ont.

Walters; point, north shore of Okisollo channel, Coast district, B.C.

Walton; river and village, Hants county ,N.S. (Not La Tete nor Petite.)

Wanapitei; lake, Ry. station, and river, Sudbury district, Ont. (Not Wahnapitae.)

Wanderer; shoal, southwest of Lyal island, Bruce county, Ont.

Wanipigow; river, emptying into the east side of lake Winnipeg, Man. (Not Hole.)

Wanogu; lake, Ledger township, Thunder Bay district, Ont. (Not Wanogooh.)

Wapageisi; lake, east of Anzhekumming lake, Kenora district, Ont.

Wapateehk. See Waputik.

Wapawekka; lake and range of hills, southeast of L. La Ronge, central Saskatchewan. (Not Bear lake nor Great Bear Sand hills.)

Wapiabi; creek, tributary to south branch of Brazeau river, Alta. (Not Grave.)

Wapichtigow. See Wapishtigau.

Wapikik. See Kapikik.

Wapikopa; lake and river, upper waters of Winisk river, Patricia district, Ont.

Wapishtigau; brook, tributary to Burntwood river, Manitoba. (Not Wapichtigow.)

Wapiti; river, tributary to Smoky river, central Alberta.

Wapitotem; river, between Attawapiskat and Weibikwei lakes, Patricia district, Ont.

Wapoos. See Wapus.

Wapoose. See Wapus.

Wapta; glacier, lake, and mountain, Rocky mountains, Kootenay district, B.C.

Wapta. See Cataract.

Wapta. See Kicking Horse.

Wapta. See Yoho.

Wapus; lake and river, north of Kakagi lake, Kenora district, Ont. (Not Wapoose.)

Wapus; lake and river, east side of Reindeer lake, central Sask. (Not Wapoos.)

Wapusanan; lake, upper waters of Ottawa R., N. of Grand L., Victoria, Pontiac Co., Q.

Wapustagamu; lake, on west branch of St. Augustin river, Saguenay county, Que. (Not Wapustagamoo.)

Waputik; mountains and snowfield, Rocky mountains, Kootenay district, B.C. (Not Wapateehk, Wap-ut-tcehk, Waputehk, nor Waputehk.)

Ward; bay, in Aylmer lake, Wolfe county, Que. (Not Ward's.)

Ward; inlet, Frobisher bay, N.W.T. (Not A. H. Ward.)

Ward; lake, Rattray township, Timiskaming district, Ont.

Ward; mount, south of Wheaton river, southern Yukon.

Wardner; village, on Kootenay river, south of Bull river, Kootenay district, B.C.

Ware; creek, tributary to Sheep river, southern Alberta.

Ware; mount, northwest of mount Hoffman, southern Alberta.

Wark; channel, northeast side of Tsimpsean peninsula, also island at entrance to the channel, Coast district, B.C. (Not Work.)

Wark; island ,northeast of Princess Royal island, Coast district, B.C.

Wark; mount, near head of Saanich inlet, Vancouver island, B.C. (Not Big Saanich, nor Work.)

Wark; point in Victoria harbour, B.C. (Not Warke nor Work.)

Warner; bay and point, east of Hopkins point, Bruce county, Ont.

Warpath; river, emptying into the west side of L. Winnipeg, Man. (Not War Path.)

Warren; island, south of Beament island, Bruce county, Ont.

Warren; mount, south of southeast end of Maligne lake, Rocky Mts., western Alta.

Warwick; cape, east of Resolution island, N.W.T. (Not Resolution.)

Wasawakasik; lake, on Churchill river, below Nemei river, Sask.

Wascana. See Waskana.

Washademoak; river, tributary to St. John river, Queens county, N.B. (Not Washademoac nor Washedemoak.)

Washagami; river, tributary to Ekwan river, Patricia, Ont. (Not Washegummy.)

Washagomis; lake, south of Shabumeni lake, Patricia district, Ont. (Not Lower Clearwater.)

Washedemoak. See Washademoak.

Washegummy. See Washagami.

Washeibemaga; lake, southeast of Boyer lake, Kenora district, Ont. (Not Kawasheibemagagamak.)

Washeka; lake, upper Ottawa river, Pontiac county, Que. (Not Waskega.)

Washi; lake, on Albany river, east of Makokibatan lake, Patricia district, Ont. (Not Lake of the Narrows.)

Washikuti; bay and river, Saguenay county, Que. (Not Washsheecootai.)

Washimeska; river, Lake St. John county, Que. (Not Ouasiemska nor Wassienska.)

Washmawapta; glacier, E. of Helmet mountain, Rocky Mts., Kootenay district, B.C.

Washow; bay, in southern portion of L. Winnipeg, Man.

Washsheecootai. See Washikuti.

Washahigan; river, tributary to Little Smoky river, Alberta.

Waskaiowaka. See Waskatowaka.

Waskana; creek, flowing N.W. past Regina into Qu'Appelle R., Sask. (Not Wascana.)

Waskatowaka; lake, at headwaters of Little Churchill R., Man. (Not Waskaiowaka.)

Waskega. See Washeka.

Waskesiu; creek and lake, tributary to Montreal L., central Sask. (Not Red Deer.)

Waskik; lake, southwest of Sipiwesk lake, Manitoba. (Not Waskiktepigo.)

Waskiktepigo. See Waskik.

Waskwatim. See Wuskwatim.

Wasp; lake, Redditt township, Kenora district, Ont.

Wassienska. See Washimeska.

Waswanipi; H. B. Co.'s post, lake, also river tributary to Nottaway R., Abitibi, Que.

Watap; lake, west of Mountain lake, Int. boundary, Thunder Bay district, Ont. (Not Rove.)

Watch; island, north of Hill island, St. Lawrence river, Leeds county, Ont.

Watcheeshoo. See Watshishu.

Watchi; lake, northwest of Reader lake, Manitoba. (Not Mountain.)

Waterfall; valley, at the head of Yoho river, Rocky Mts., Kootenay district, B.C.

Waterfowl; lakes, on Mistaya river, Rocky mountains, Alberta.

Waterhen; lake and river, between Manitoba and Winnipegosis lakes, Manitoba.
Waterton; lake and river, southern Alta. (Not Chief Mt. lake nor Kootenai river.)
Watsheeshoo. See Watshishu.
Watshishu; river, Saguenay county, Que. (Not Watcheeshoo nor Watsheeshoo.)
Watson; island, between S. end of Kaien I. and mainland, Coast district, B.C.
Watson; railway station, ridge, river, and valley, north of Bennett lake, Yukon.
Watt; railway station, Charlotte county, N.B. (Not Watt Junction.)
Watt Junction. See Watt.
Waugh; creek, tributary to Goldstream river, Vancouver island, B.C.
Waughs; river, Colchester county, N.S. (Not Wough's.)
Wauguash. See Kaniapiskau.
Waugush; lake, Spragge township, Algoma district, Ont. (Not Waagoosh.)
Wave. See Wavy.
Wavy; lake, north of Battle river, Alberta. (Not Wave.)
Wawagosik; lake, west of Harricanaw river, Abitibi district, Que. (Not Wawagosic nor Wawagosie.)
Waweig; lake, northwest of Wabinosh lake, Thunder Bay district, Ont.
Wawiag; river, headwaters of Maligne river, Kenora and Thunder Bay district, Ont. (Not Kawawiagamak.)
Wawong; lake, near Windigokan L., E. of L. Nipigon, Thunder Bay district, Ont.
Way; point S.W. of Potter point, Ameliasburg Tp., Prince Edw. Co., Ont. (Not Salt.)
Wayagamak; lake, Champlain county, Que. (Not Wayagamack.)
Weaver; creek, tributary to Moyie river, Kootenay district, B.C.
Wedding; river, tributary to Bell river, Abitibi district, Que.
Wedge; island, east of Dokis island, at entrance to Key harbour, Georgian bay, Parry Sound district, Ont.
Wedge; point, Ladysmith harbour, east coast of Vancouver island, B.C.
Wedgwood; mount, northeast of mount Assiniboine, Rocky mountains, Kootenay district, B.C.
Wedlock; island, Admiralty group, St. Lawrence river, Leeds county, Ont.
Weed; hills, southeastern Saskatchewan.
Weenisk. See Winisk.
Weese; creek, Brighton township, Northumberland county, Ont. (Not Weese's.)
Weggs; cape, south shore of Hudson strait, Ungava, Que.
Weibikwei; lake, at head of Winisk river, Patricia district, Ont. (Not Pepisquew nor Winisk.)
Weir. See Footprint.
Weir. See Hennigar.
Weiseieno; lake, near Manitou lake, Kenora district, Ont.
Wekusko; lake, Grass river, east of Reed lake, Man. (Not Herb nor Sweet Herb.)
Welcome; lake, Lawrence township, Haliburton county, Ont.
Welland; river, Welland county, Ont. (Not Chippewa.)
Wellandport; post office, Lincoln county, Ont. (Not Welland Port.)
Weller; bay, near west end of bay of Quinte, Prince Edward Co., Ont. (Not Weller's.)
Wellesley; lake, west of White river, Yukon.

Wellington; bay and village, Prince Edward county, Ont. (Not Big Sandy bay.)

Wells; shoal, southeast of Lyal reef, Bruce county, Ont.

Welsh; bank, north of Scott point, Bruce county, Ont.

Wemistagosew; river, upper waters of Waswanipi river, Abitibi district, Que.

Wenasaga; river, flowing into L. Seul, Patricia district, Ont.

Wendigokan. See **Windigokan.**

Wenkchemna; peaks, in the Bow range of the Rockies, Alta. and Kootenay district, B.C. (Not Desolation range nor "The Stragglers.")

Wepiskow. See Burntwood.

Wesketahin; village, near the mouth of Unahini river, Yukon.

Weslemkoon; lake, Addington county, Ont.

West; bay, the western extremity of lake Evans, Abitibi district, Que.

West; river, Bonaventure county, Que. (Not West Port Daniel river.)

West; river, Pictou county, N.S. (Not West river of Pictou.)

West; river, tributary to Fraser river, above Quesnel, Cariboo district, B.C.

West. See Nelson.

West. See Owen.

West. See Torres.

West Arrowwood; creek, tributary to Bow R., S. Alberta. (Not West Arrow-wood.)

West Belanger. See Belanger.

Westboro; post office and summer resort, Carleton county, Ont. (Not Westborough.)

Westbourne; bay, north shore of Hudson strait, N.W.T.

Westbourne; post settlement, on Whitemud river, south of L. Manitoba, Man.

West Branch, Gold river. See Palmer creek.

West Branch, Tobique river. See Sisson.

West Dog Head. See Whiteway.

West Duck; reef, northwest of Western Duck island, Manitoulin district, Ont.

Western; river, emptying into Coronation gulf, N.W.T. (Not Back's Western.)

Western Duck; island, of the Duck group, Manitoulin district, Ont.

West Flamboro. See Flamboro West.

West Flamborough. See Flamboro West.

West Fox. See Fox.

Westholme; post settlement, south of Chemainus river, Vancouver island, B.C.

West McGillivray. See McGillivray.

West Niskitogisew. See Kiskitto.

West Port Daniel. See West.

West river of Pictou. See West.

West Road river. See Blackwater.

West Sister; shoal, S. of Yeo I., entrance to Georgian bay, Manitoulin district, Ont.

West Winisk. See Asheweig.

Wetetnagami; lake, and river tributary to Opawika river, Abitibi district, Que.

Wettigo; lake, south of Nemiskau lake, Abitibi district, Que.

Weymontachi; Indian village, at the mouth of Manuan river, upper St. Maurice river, Champlain county, Que. (Not Weymontachingue.)

Whale; river, emptying into Ungava bay, Que.

Whaleback; mountain, at the headwaters of Yoho river, Rocky mountains, Kootenay district, B.C. (Not Whalesback.)

Whaler; bay, Active pass, strait of Georgia, New Westminster district, B.C.

Wharton; harbour, north shore of Hudson strait, N.W.T.

Whatshan; lakes and river, west of Lower Arrow lake, Kootenay district, B.C.

Wheaton; mount, in the "big bend" of Wheaton river, southern Yukon.

Wheaton; river, emptying into the west side of Bennett lake, Yukon.

Wheaton Vault; brook, flowing into Minas channel, Kings county, N.S.

Wheeler; mount, Purity range, Selkirk mountains, Kootenay district B.C.

Wheeler; reef, southwest of Kitchener island, Manitoulin district, Ont.

Whetstone; lake, Lake township, Hastings county, Ont.

Whiffen; spit, Sooke inlet, Vancouver island, B.C.

Whipple; mount, east of the elbow of Stikine river, Cassiar district, B.C.

Whipsaw; creek, flowing northeasterly into Similkameen river, Yale district, B.C.

Whirlpool; river, flowing from Athabaska pass northerly into Athabaska river, Alta.

Whirlpool. See Sunwapta.

White; cliff, northeast of Hungerford point, Manitoulin I., Manitoulin district, Ont.

White; mount, north of Atlin lake, Yukon.

White; pass, at head of Skagway river, Cassiar district, B.C.

White; river, tributary to Yukon river, above Stewart river, Yukon.

White; strait, north shore of Hudson strait, N.W.T.

White. See Ketch.

White Bear; bay, northeast of Markham bay, Hudson strait, N.W.T.

Whitebear; lake, north of Saskatchewan Landing, southern Sask. (Not White Bear.)

White Bear; lake and river, at headwaters of Gatineau river, Champlain county, Que.

White Bear. See Cassels.

Whiteclay; lake, Ogoki river, east of Whitewater lake, Thunder Bay district, Ont.

White Douglas; the southerly peak of mount Douglas, Rocky mountains, Alberta.

Whitefish. See Garson.

Whitefish. See LaSarre.

Whitefish. See Meacham.

Whitefish Spawning. See Chukuni.

Whitefox; river, tributary to Torch river, central Sask. (Not White Fox.)

White Goat. See Cline.

Whitegoose; river, tributary to Migiskan R., below Paskagama L., Abitibi dist., Que.

White Grouse; creek, east of Whatshan lake, Kootenay district, B.C.

Whitehorn; mountain, northwest of Mount Robson, Cariboo district, B.C. (Not Turner nor White Horn.)

Whitehorse; town and rapid, Lewes river, below Miles canyon, Yukon. (Not White Horse.)

White Man; pass, Rocky Mts., Alta. and Kootenay district, B.C. (Not White Man's.)

Whitemouth; lake and river, tributary to Winnipeg river, also village, Manitoba. (Not White Mouth.)

Whitemud; river, flowing into the southerly end of L. Manitoba, Man. (Not White Mud nor White-mud.)

White Mud. See Frenchman.

Whiterock; post office, Kings county, N.S. (Not White Rock Mills.)

White Rock Mills. See Whiterock.

Whites; post office, Kings county, N.S. (Not White's Corner.)

Whites; post office and railway station, Huntingdon county, Que. (Not White's nor White's Station post office.)

White's. See Geikie.

Whitesand; lake and river, emptying into the northerly end of L. Nipigon, Thunder Bay district, Ont.

Whitesand; post office and river, southeastern Saskatchewan. (Not White Sand.)

White's Corner. See Whites.

Wsiteshell; lake and river, emtying into Winnipeg river, Manitoba.

Whiteshore; lake, east of Tramping lake, Sask. (Not White Shore.)

White's Station. See Whites.

Whitestone; lake, north of Cat lake, Patricia district, Ont.

Whitestone; river, tributary to Tatshenshini river, southwestern Yukon.

Whiteswan; river, emptying into Teslin L., Cassiar district, B.C. (Not White Swan.)

Whitewater; lake, southwestern Manitoba.

Whitewater. See Taseko.

Whiteway; point, at west side of north entrance to the narrows of lake Winnipeg, Man. (Not Dog's Head nor West Dog Head.)

White Whale. See Wabamun.

Whitewood; lake, Tp. 29, R. 17, W. 2 M., southeastern Saskatchewan.

Whitewood. See Basswood.

Whitford; lake, in Tp. 56, Rs. 15 and 16, W. 4th M., Alberta.

Whitley; bay, northwest of Burgoyne bay, Hudson strait, Ungava, Que.

Whitney; lake, Smellie township, Kenora district, Ont.

Wholdaia; lake, an expansion of Dubawnt river, N.W.T. (Not Wholdiah.)

Whymper; mount, northwest of Storm mountain, Rocky mountains, Alta.

Whymper; mount, near head of Chemainus river, Vancouver island, B.C.

Whymper. See Kiwetinok.

Whyte; mount, west of lake Louise, Alberta.

Wiachuan; river, Richmond gulf, Ungava, Que. (Not Wiachewan nor Wiachouan.)

Wicked; point, Athol township, Prince Edward county, Ont. (Not Salmon.)

Wickens; lake, Britton township, Kenora district, Ont.

Wickham; post office and railway station, Drummond Co., Que. (Not Wickham West.)

Wickham West. See Wickham.

Wicksteed; rock S.E. of Dead I., entrance to Key har., Georgian B., Parry S. dist, Ont.

Wigwam; river, tributary to Elk river, Kootenay district, B.C.

Wigwas. See Eva.

Wigwasan; lake, west of Bukemiga lake, Thunder Bay district, Ont.

Wigwasikak; lake, northwest of Cat lake, Patricia district, Ont. (Not Birch.)

Wikwaskapauk. See Mourier.

Wilcox; lake, English river, Kenora district, Ont.

Wilcox; pass and peak, north of Mt. Athabaska, Rocky mountains, Alberta.

Wild; bight, in west side of Fitzwilliam island, Manitoulin district, Ont.

Wild Horse; river, tributary to Kootenay R., Kootenay district, B.C. (Not Skirmish.)

Wilkinson; creek, tributary to W. fork of Kettle R., above Carmi, Yale district, B.C.

Willard; lake, north of Hawk lake, Kenora district, Ont.

William; head, at north entrance to Pedder bay, Vancouver island, B.C.

Williams; bay, south shore of L. Seul, Kenora district, Ont.

Williams; lake, east of Fraser river, in the southern portion of Cariboo district, B.C.

Williams; lake, east of Cat lake, Patricia district, Ont.

William Smith; cape, northeast shore of Ungava bay, Que.

Willoughby; island, northeast of Grenadier island, St. Lawrence river, Leeds Co., Ont.

Willowbank; creek and mountain, W. of Blaeberry R., Rocky Mts., Kootenay, B.C.

Willowbunch; lake and post office, southern Saskatchewan. (Not Willow Bunch.)

Willowgrove; post office, Haldimand county, Ont. (Not Willow Grove.)

Wilson; mount, also glacier, north of Mt. Murchison, Rocky mountains, Alta.

Wilson; mount, also lake, Ross river, Yukon.

Wilson; post office, Grenville county, Ont. (Not Wilson's Bay.)

Wilson; post office, northwest of Chemainus river, Vancouver island, B.C. (Not Wilson's Crossing.)

Wilson; river, flowing easterly into Dauphin lake, Manitoba.

Wilson. See Kiwetinok.

Wilson Corners; post office, Wakefield Tp., Ottawa Co., Que. (Not Wilson's Corners.)

Wilson's Bay. See Wilson.

Wilson's Crossing. See Wilson.

Wiltshire; village, Queens county, P.E.I. (Not New Wiltshire nor North Wiltshire.)

Wiltse; lake, Leeds county, Ont. (Not Wiltz nor Wiltze.)

Wimapedi; brook, tributary to Burntwood river, Manitoba.

Winawiash; lake, southwest of Grand lake Victoria, Pontiac county, Que.

Wind; mountain, west of Kananaskis river, Rocky Mts. park, Alta. (Not Windy.)

Windigo; bay and islands, north shore of L. Nipigon, Thunder Bay district, Ont.

Windigo; lake and river, tributary to Severn river, Patricia district, Ont.

Windigokan; lake, E. of L. Nipigon, Thunder Bay district, Ont. (Not Wendigokan.)

Windy; arm, Tagish lake, Yukon.

Windy; lake, southwest of Oxford lake, Manitoba.

Winging; point, east headland of Fourchu bay, opposite Guyon island, Cape Breton county, N.S. (Not Wining nor Winning.)

Wining. See Winging.

Winisk; lake and river, Patricia district, Ont. (Not Wai-nusk nor Weenisk.)

Winiskisis; river, tributary to upper Winisk river, Patricia district, Ont.

Winnange; lake, north of Dryberry lake, Kenora district, Ont. (Not Vulture.)

Winning. See Winging.

Winnipegosis; a large lake in Manitoba. (Not Winnipegoos nor Winnipegoosis.)

Winonitikameg; lake, northwest of Attawapiskat lake, Patricia district, Ont.

Wintawanan; lake, southwest of Attawapiskat lake, Patricia district, Ont.

Wintego; lake, an expansion of Churchill river, below Reindeer river, Sask.

Wintering; lake, west of Landing lake, Manitoba.

Witchai; lake, on lower Grass river, Manitoba.

Witchekan; lake, in the Thickwood hills, central Saskatchewan.

Wiwa; creek, flowing easterly into Wood river, southern Saskatchewan.

Wiwaxy; peaks, southwest of Mount Victoria, Rocky mountains, Kootenay, B.C.

Wi-yat. See Waiatt.

Wizida; lake, at headwaters of Attawapiskat river, Patricia district, Ont.

Wizidans; lake, at headwaters of Attawapiskat river, Patricia district, Ont.

Woden; a peak of the Valhalla mountains, Kootenay district, B.C.

Wolf; canyon, on Pelly river, above Woodside river, Yukon.

Wolf; creek, tributary to Klondike river, Yukon.

Wolf. See Grimsthorpe.

Wolf. See Muhigan.

Wolf Rand. See Muhigan.

Wolfe; island, St. Lawrence river, Frontenac county, Ont. (Not Long.)

Wolfe; island, south of De Stein point, Prince Rupert harbour, Coast district, B.C.

Wolfestown; township and village, Wolfe county, Que. (Not Wolfstown.)

Woollaston; peninsula, S.W. portion of Victoria I., N.W.T. (Not Wollaston Land.)

Woman; lake and river, south of Shabumeni lake, Patricia district, Ont. (Not Woman Lake river.)

Wollaston Land. See Victoria island.

Wood; brook, tributary to Grass river, Manitoba.

Wood; mount, west of Saanich inlet, Vancouver island, B.C.

Wood; mountain and river, also Wood Mountain post office and R.N.W.M. Police station, southern Saskatchewan. (Not Wood Mountain river.)

Wood. See Jacob.

Woodley; range of mountains, west of Kulleet bay, Vancouver island, B.C.

Wood Mountain river. See Wood river.

Woodroffe; post office and summer resort, Carleton county, Ont. (Not Woodroofe nor Woodruff.)

Woods; lake of the, on international boundary, Kenora and Rainy River districts, Ont.

Woodside; river, tributary to Upper Pelly river, Yukon.

Woods; island, Ladysmith harbour, Vancouver island, B.C. (Not Long.)

Woods. See Carroll Wood.

Woodtick; island, St. Clair river, Lambton county, Ont. (Not Fawn.)

Woody; river, flowing northeasterly into Swan lake, Man. and Sask.

Work. See Wark.

Worthington; creek, west of Lower Arrow lake, Kootenay district, B.C.

Wotan; mount, north of Howard creek, Selkirk Mts., Kootenay district, B.C.

Wotinimata; lake, east of Shabogama lake, Abitibi district, Que.

Wreck; point, southwest of Tobermory harbour, Bruce county, Ont.

Wright; creek, west end of Surprise lake, Cassiar district, B.C.

Wrench; lake, northeast of Carlton, central Saskatchewan.

Wright; creek, tributary to Blanche river, Timiskaming district, Ont.

Wright; point, north of Goderich, Huron county, Ont.

Wright; sound, between Gil and Gribbell islands, Coast district, B.C.

Wunnummin; lake, upper waters of Winisk river, Patricia district, Ont.

Wuskatasko; brook, tributary to Grass river, Manitoba.

Wuskwatim; brook and lake, on Burntwood river, Manitoba. (Not Beaver-dam, Ooskootim, nor Waskwatim.)

Wyatt. See Waiatt.

Wynott; point, N.E. of Head harb., St. Margaret bay, Halifax Co., N.S. (Not Smith.)

Xschwan. See Granby

Yahk; mountain, river, and railway station, in S.W. portion of Kootenay district, B.C.

Yalakom; game reserve, between north fork of Bridge river and the Fraser, Lillooet district, B.C.

Yarrell; mount, in southeastern portion of Kootenay district, B.C.

Yawningstone; lake, north of Cormorant lake, Manitoba.

Yellow; point, northeast of Kulleet bay, Vancouver island, B.C.

Yeo; channel, island, and spit, at entrance to Georgian bay, Manitoulin district, Ont.

Yeo; island, southwest of Grenadier island, St. Lawrence river, Leeds county, Ont. (Not Bluff nor Old Bluff.)

Yeth; creek, tributary to Inklin river, Cassiar district, B.C.

Yoho; glacier, lake, park, pass, peak, and river, Rocky mountains, Kootenay district, B.C. (Not Collie glacier, Glacier creek, North Fork river, Upper Emerald lake, nor Wapta lake and pass.)

York; river, trib. to Madawaska R., Hastings and Renfrew Cos, Ont. (Not York Brch.)

York; sound, in southwest portion of Frobisher bay, N.W.T.

Yorke; island, Admiralty group, St. Lawrence river, Leeds Co., Ont. (Not Boss Dick.)

Youell; island, east of Hopkins point, Bruce county, Ont.

Young; lake, in S.W. portion of Dalton Tp., Victoria Co., Ont. (Not Montgomery.)

Youngs; point, Weller bay, Ameliasburg township, Prince Edward county, Ont.

Young's. See Limestone.

Yukness; mount, southwest of mount Lefroy, Kootenay district, B.C.

Yukon; river and territory, N.W. Canada. (Not Youcon, Youkon, Kwichpak. &c.)

Z

Zachariah; point, near Dodd narrows, east coast of Vancouver island, B.C.

Zanardi; rapids, at S.W. end of Wainwright basin and S. of Kaien I., Coast dist, B.C.

Zemawdza; Indian village, Kitimat arm, Coast district, B.C. (Not Ze-mawd-za.)

Zenazie; creek, south of Gladys lake, Cassiar district, B.C.

Zero; rock, in Haro strait, N.E. of Gordon head, S.E. coast of Vancouver I., B.C.

Zinc; mountain and valley, east of Ice river, Rocky mountains, Kootenay district, B.C.

Zinkan; island, Pine Tree harbour, Bruce county, Ont.

Zwick; island, in the bay of Quinte, Hastings county, Ontario. (Not Zwick's.)

Zymoetz; river, tributary to Skeena river, Coast district, B.C. (Not Copper.)

INDEX.

NAMES ARRANGED FOR PROVINCES, COUNTIES, ETC.

ALBERTA.

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Agnes
Akuinu
Alberta
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Alice
Allan
Annette
Arcs
Arrowwood
Askow
Assiniboine
Athabaska
Athabasca
Atikkamek
Attim Segoun
Avens
Aylmer
Baker
Balfour
Baptiste
Barwell
Bath
Battle
Bear
Beaupré
Beaver
Beaver
Beaverdam
Beaverhill
Beaverlodge
Belly
Biddle
Bident
Big Egg
Bighill
Bighorn
Bismarck
Blackfoot
Black Douglas
Blackstone
Blakiston
Boom
Bosworth
Boulder
Bourgeau
Bow
Bow Island
Boyer
Brachipod
Brazeau
Brett
Bruce
Brulé
Bryce
Buffalo
Buffalo
Bull
Castle
Castor
Cataract
Cataract
Chaba
Charlton
Chief Mountain
Chin
Chiniki
Chip
Chipewyan
Christie
Christina
Chungo
Cirque
Clearwater
Cline
Cockscomb
Cold
Coldwater
Coleman
Columbia
Cone
Consolation
Cooking
Corral
Costigan
Coutts
Crowfoot
Growlodge
Crowsnest
Cyclone
Cypress
Deltaform
Desolation
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Dolomite
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Drummond
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Eagle
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E. Arrowwood
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Elkwater
Elliott
Embarras
Emerald
End
Etsi-kom
Etzikom
Eyehill
Fairholme
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Farrell
Farrier
Fatigue
Fay
Fish
Fisher
Flagstaff
Folding
Forbes
Fork
Fort Chipewyan
Fort Dunvegan
Fort Edmonton
Fort McKay
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Fort Smith
Fortress
Fort Vermilion
Fossil
Freemen
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Frenchman
Frog
Garson
George
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Ghostpine
Girouard
Glacier
Glacier
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Goat
Goldsmith
Goose
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Gorge
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Gould Dome
Grande Prairie
Grand Valley

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Gregg
Grotto
Haddo
Hamilton
Hand
Hardisty
Hastings
Haven
Hazel
Head
Heart
Hector
Helen
High
Highwood
Hoffman
Horse
Horseshoe
House
House
Howse
Huber
Hungabee
Inglismaldie
Inverness
Iosegun
Iron
Isabella
Island
Isle
Jacob
James
Jarvis
Jonas
Jumpingpound
Junction
Ka-koot
Kakut
Kananaskis
Katherine
Kenilworth
Kerkeslin
Kipp
Kirkpatrick
Knee
Kneehill
Kneehills
Kootanie
Kootenai
LaBiche
Lacroix
Laggan
La Nonne
Leah
Lee
Lefroy
Lesser Slave
Lineham
Little
Little Bow
Little Brazeau
Little Fork of Sask.
Little Smoky
Livingstone
Lobstick
Lobstick
Lodge
Lonely Valley
Long
Louis
Louise
Lower Bow
Lower Whitefish
Lusk
Lychnis
Lyell
Macabee
McDougall
McKay
McLeod
Macleod
McMurray
Mahmee
Maligne
Mami
Margaret
Marmot
Martin
Martineau
Mary Vaux
Medicine
Medicine Lodge
Medicine Lodge
Merlin
Middle Branch (Highwood R.)
Milk
Ministik
Minnewanka
Miquelon
Mire
Mirror
Missawawi
Mist
Mistaya
Misty
Moberly
Mokowan
Molar
Moraine
Murchison
Muriel
Murray
Namaka
Neutral
Newman
Niblock
Nikanassin
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Nordegg
Norquay
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North Vermilion
Nose
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Oldman
Olive
Opabin
Opal
Otanwau
O-Tow-Wow
Owl
Oyster
Paddle
Paddle
Pak-oghke
Pakowki
Panther
Paradise
Pass
Paul
Peace
Peechee
Peckopee
Pekisko
Pembina
Pembina
Peyto
Piegan
Pigeon
Pika
Pinnacle
Pipe
Pipestone
Pt. Brulé
Poboktan
Popes
Porcupine
Portal
Pothole
Pouce Coupé
Primrose
Protection
Ptarmigan
Pulpit
Pulsatilla
Rae
Rainy
Ram
Raven
Red
Red Deer
Red Deer
Redoubt
Redwater
Ribstone
Richardson
Roche de Smet
Roche Suett
Rocky
Rolph
Rosebud
Ross
Rundle
Saddle
St. Ann
St. Mary
St. Nicholas
St. Piran
Sakwatamau
Samson
Sarcee
Saskatchewan
Saulteux
Sauteur
Sauteux
Savasse Berry
Sawback
Sentinel
Serviceberry
Sevenpersons
Shanks
Shaver
Sheep
Sheol
Shunda
Sibbald
Siffleur
Silverhorn
Simonette
Simpson
Sinking
Skoki
Slave
Small
Smith

ALBERTA—*Continued.*

Smoky
Snake
Sounding
S. Brch. (Highwood R.)
Southesk
South Heart
Spencer
Spirit
Spray
Sprucegrove
Square
Steepbank
Sterling
Stewart
Stimson
Stirling
Stonyplain
Storm
Stutfield
Sullivan
Sulphur
Sunwapta
Sutherland
Swan
Swan
Sweathouse
Sylvan
Table
Tekarra
Temple
Ten Peaks
The Beehive
The Goat's Looking Glass
The Mitre
Thérien
The Saddle
The Stragglers
The Twins
Thompson
Threehills
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Tilted
Tombstone
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Trail
Turquoise
Tuzo
Twin
Tyrrell
Unwin
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Upper Whitefish
Verdigris
Vermilion
Victoria
Volcano
Vulture
Wabamun
Wabasca
Wabiskaw
Wallace
Wapiabi
Wapiti
Ware
Warren
Waskahigan
Waterfowl
Waterton
Ware
Wavy
Wenkchemna
W. Arrowwood
Whirlpool
Whirlpool
White Douglas
Whitefish
White Goat
White Whale
Whitford
Whymper
Whyte
Wilcox
Wilson
Wind

BRITISH COLUMBIA.

(Names arranged for Land Districts.)

Cariboo.

Alexis
Anaham
Anahim
Athabaska
Battle
Black
Blackwater
Bobtail
Cariboo
Caribou
Chilako
Chilanco
Chilanko
Chilco
Chilcote
Chilcotin
Chilko
Chimney
Eulatazella
Fort Nelson
Fort St. John
Fraser
Helena
Kinney
Moberly
Mud
Naltesby
Nechako
Nelson
Pantage
Pelican
Quesnel
Riske
Robson
Sicannie Chief
Sikanni Chief
Sinkut
Stewart
Stuart
Tsinkut
Turner
West
West Road river
Whitehorn
Williams

Cassiar

Ahwillgate
Aiskew
Alsek
Anuk
Anvil
Arthur Seat
Atlin
Awillgate
Babine
Barham
Bastion
Beady
Bear
Beaton
Beaver
Bee
Bennett
Bernard
Black
Blanchard
Blue
Boofus
Boulder
Brown Dome
Buck
Buckley
Bulkley
Cameron
Canyon
Carter
Cassiar
Chehalis
Chikoida
Chismaina
Choquette
Clearwater
Cone
Consolation
Copper
Cottonwood
Crater
Davenport
Dease
Deep
Dixie
Dudidonto
Eagle
Eagle Crag
Edgar
Edmund
Egnell
Eightmile
Elbow
Ewing
Fantail
Farnsworth
Fifteen-mile
Gladys
Glave
Glenora
Goat
Goodwin

BRITISH COLUMBIA—*Continued.*

Cassiar—*Con.*

Goose
Gordon
Graham
Granby
Gun
Hackett
Halcro
Hale
Hall
Harold
Hartz
Hatchau
Hatin
Hayes
Hazelton
Heart
Hendon
Hitchcock
Homan
Hotailuh
Hurricane
Hutsigola
Hyland
Ice-cap
Inklin
Jennings
Johnson
Kaha
Kahtate
Kaketsa
Kakuchuya
Kates Needle
Katina
Kennicott
Kelsall
Ketchum
Kispiox
Kitgargas
Kitwanga
Klootchman
Knob
Kluchman
Koketsa
Koshin
Kuldo
Kuthai
Kwadacha
Lacroix
Laketon
Laura
Laurie
Lecroix
Leonard
Lina
Lindeman
Lyndeman
Little Tahltan
Llewellyn
Long
McCallum
McDame
McDonald
McGrath
Macha
McIntosh
McKee
McLay
McLeod
McMaster
Mansfield
Marble Dome
Maria
Matsatu
Middle
Minto
Mountain
Muchuya
Munro
Mussen
Naas
Nadahini
Nakina
Nakonake
Nass
Nasse
Nelson
Nevin
North
Observation
O'Donnel
O'Keefe
Omenica
Omineca
Otter
Paradise
Parton
Pereleshin
Peveril
Pike
Plateau
Porcupine
Porphyry
Porter
Porter's Landing
Quartz
Robertson
Round
Ruby
Ruth
Saddle
Sanford
Sawback
Scud
Shakes
Shallow
Sharpe
Shegunnia
Sheslay
Sicanni Chief
Sikanni Chief
Silver Salmon
Skeena
Skena
Slocoh
Sloko
Snowcap
Snowdon
Snowy
Stanley
Stick-ah-din
Stikyadin
Stikine
Stovel
Sucker
Sugarloaf
Sullivan
Summit
Sunday
Surprise
Suskwa
Tacho
Tagish
Tahltan
Taku
Taku
Talaha
Tanzilla
Tatiki
Tatshenshini
Tatsho
Tattiki
Tawina
Taysen
Telegraph
Telkwa
Teresa
Terrahina
Teslin
The Knob
Thibert
Toochi
Tooya
Torres
Tory
Trout
Tsetelui
Turner
Tutchi
Tutesheta
Tutshi
Tuya
Tyee
Vadso
West
Whipple
White
Whiteswan
Xschwan
Yeth
Zenazie

Coast.

Amy
Antonio
Arm
Ashton
Babine
Bacon
Bacon
Barnes
Barrett
Beatty
Birkby
Bishop
Bjerre
Blackney
Black
Blackwater
Blakeney
Bodega
Boundary
Boxer
Bramham
Branham
Buckley
Bulkley
Burns
Burroughs
Butze
Cahnish
Calete
Cardero
Cascade
Casey
Charles
Chassepot
Cheslatta

BRITISH COLUMBIA—*Continued.*

Coast—*Con*

Chickens
Chilanco
Chilanko
Chilco
Chilcote
Chilko
China Hat
Choelquoit
Chonat
Clio
Cloyah
Coast
Comblain
Connolly
Cooper
Copper
Cordero
Coste
Crease
Cumming
Cundale
David
Dawkins
Dean
Decker
Defot
Delusion
Denise
De Stein
Dodge
Dokdaon
Dorothy
Douglas
Driftwood
Dryad
Dundas
DuVernet
Ecstall
Ecstew
Eddy
Edgell
Eliot
Elizabeth
Ellinor
Elliot
Emilia
Emmerson
Endako
Essington
Etta
Eva
Exstew
Fairview
Falcon
Farewell
Fern
Fisherman
Flat
Fort Fraser
Fort James
Fort St. James
Français
Francisco
François
Fraser
Frederick
Galloway
Garden
Gardner
Gaudin
Georgia
Gertrude
Ghost
Gil
Gobeil
Graeme
Gramophone
Grant
Gribbell
Grindstone
Guard
Guard
Gurd
Hall
Hallett
Halsey
Hawkesbury
Hays
Hays
Hecate
Hecate
Helen
Hibben
Hill
Hippa
Hockstall
Holmes
Homalko
Homathko
Home
Hopkins
Horsfall
Hubert
Huckstall
Hudson Bay (Mt.)
Huxstall
Ikeda
Ingraham
Inverness
Islet
Joassa
Jorkins
Kaien
Kaiete
Ka-its-siks
Kanish
Kasiks
Kathlyn
Kerr
Kersey
Kestrel
Ki-ette
Kildala
Kinahan
Kingcome
Kitimat
Kitkiata
Kitsalas
Kitselas
Kitsumgallum
Klemtu
Kloiya
Koya
Kunghit
Kuper
Kwinitsa
Kyeet
Lake
Lakelse
Langara
Laurier
Lelu
Lewis
Lewis
Lima
Long
Loretta
Louis
Louis
McKay
McLaughlin
McLoughlin
Maitland
Maple
Marina
Martini
Mary
Mary
Maurelle
Mayes
Mayor
Melville
Metford
Metlakatla
Miller
Minette
Miskatla
Mission
Money
Moody
Moore
Morice
Moricetown
Morrice.
Morricetown
Morse
Mouat
Na-a-ma
Nadina
Nahlin
Nalta
Nankivell
Nasoga
Nechako
Nelly
Nemaia
Nesto
Nicholas
Nicolas
Niut
Noel
Noolki
North
North Porpoise
North Skeena
Nowell
Nubble
Nulki
Okisollo
Oldfield
Ootsa
Osborn
Owen
Oxstall
Paisley
Parizeau
Pender
Pepin
Pethick
Phelan
Philips
Photograph
Pillsbury
Pilot
Porpoise
Port Essington
Prevost

BRITISH COLUMBIA—*Continued.*

Coast—*Con.*

Prince Rupert
Promise
Pulteney
Pulton
Quadacha
Quadra
Quaneca
Quinitsa
Raley
Raymond
Ridley
Riordon
Ritchie
Roberson
Round
Russell
Salvus
Schreiber
Scott
Seal
Shames
Sharbau
Shawatlan
Shoo-wah-tlans
Simpson
Siwiti
Skaloo
Skeena
Skelu
Skena
Skidegate
Snider
Sockeye
Sonora
Southgate
South Porpoise
Spire
Springer
Square
Squire
Stainforth
Staniforth
Stapledon
Stelako
Stella
Stellako
Stevens
Stewart
Stickelahn
Stikelan
Stuart
Surge
Tachick
Tarte
Tatla
Tatlahco
Tatlayako
Tatlayoco
Tatlayoko
Tatlayoo
Telkwa
Tiahn
Tian
Tide
Tobey
Tomkinson
Tomlinson
Tremayne
Trivet
Tuck
Tullin
Turn
Turtle
Tyee
Ursula
Valdes
Venn
Verney
Vigilant
Waiatt
Wainwright
Walbran
Walkem
Walkem
Walters
Wark
Watson
Wedge
Wi-yat
Wolfe
Work
Wright
Wyatt
Zanardi
Zemawdza
Zymoetz

Lillooet.

Anderson
Birkenhead
Brew
Bridge
Cadwallader
Cayoose
Cayoosh
Chilco
Chilcote
Chilcotin
Chilko
Currie
Duffy
Fergusson
Fraser
Green
Gun
Gunn
Hanceville
Lillooet
McGillivray
McGillvary
McLean
Marble
Mission
Na-a-ma
Nemaia
Pemberton
Penrose
Pool
Poole
Riske
Seton
Sheba
Taseco
Taseko
Tatlow
Tyaughton
Whitewater
Yalakom

Kootenay.

Abbot
Abbott
Adamant
Afton

Kootenay—*Con.*

Airy
Akolkolex
Akotkolex
Albert
Alexandra
Amiskwi
Angle Peak
Ann
Anstey
Argyle
Assiniboine
Asulkan
Augustine
Austerity
Avalanche
Ayesha
Azimuth
Bad
Bagheera
Bain
Baker
Bald
Baldur
Balfour
Bannock
Battle
Beatrice
Beaver
Beaverfoot
Beavertail
Bedlington
Begbie
Biddle
Blackwater
Blaeberry
Blue Grouse
Bonney
Booth
Bor
Bosworth
Boulder
Bow
Bowman
Brewery
Brewster
Brisco
Bruins
Bryce
Bull
Burgess
Burton
Bush
Butwell
Cahill
Campbell
Cape Horn
Caribou
Caribou
Carroll
Cartier
Carnarvon
Cascade
Castor and Pollux
Catamount
Cataract
Cathedral
Chancellor
Chaperon
Cheops
Cherub
Christy
Cinnamon

BRITISH COLUMBIA—*Continued.*

Kootenay—*Con.*

Citadel
Clachnacudainn
Clarke
Cogle
Collie
Collie
Columbia
Cony
Copeland
Coral
Corbin
Cornice
Corsair
Cougar
Cranberry
Cranbrook
Creston
Crowsnest
Cupola
Curtis
Cyprian
Dago
Dainard
Daly
Dawson
Deer Park
Deltaform
Demers
Dennis
Dent
Denver
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Deville
Dibble
Dispatch
Dogtooth
Donkin
Duchesnay
Duncan
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Elk
Emerald
Emerald
Ennis
Esplanade
Evans
Falls
Felucca
Feuz
Field
Fife
Fire
Fish
Fisher
Flat
Flathead
Fleming
Float
Fording
Fort Steele
Fosthall
Four-mile
Fox
Freda
Freshfield
Freya
Frigate
Fritz
Galena
Galton
Garnet
Geikie
Gibraltar
Gimli
Glacier
Glacier Crest
Gladsheim
Gladstone
Glenogle
Gnat
Goat-Canyon creek
Goatfell
Gold
Goldstream
Goodsir
Gordon
Gothics
Graham
Grand
Granite
Grant
Grays
Gray Wolf
Green
Greens
Greys
Grizzly
Grundy
Guardsman
Habel
Halcyon
Hall
Hammond
Hanbury
Hansen
Haskins
Häsler
Haygarth
Heart
Hector
Heimdal
Hela
Helmet
Hermit
Hidden
Hilda
Hoder
Hogg
Holway
Hoodoo
Hooker
Horn
Horn
Hospital
House
Howse
Huber
Hughes
Hungabee
Hungry
Hunter
Hurd
Hutchison
Ice
Illecillewaet
Incomappleux
Iconoclast
Ingersoll
Inonoaklin
Insulated
Irishman
Isolated
Johnston
Jordan
Joseph
Kate
Kauffman
Kerr
Kicking Horse
Kid
Killarney
Kilpatrick
Kinbasket
King
Kitchener
Kiwetinok
Koos-ka-nax
Kootenay
Kuskanax
Kuskonook
Ladybird
LaFrance
Lakit
Lamb
Lardeau
Lardo
Laussedat
Lazy
Leanchoil
Leda
Lefroy
Leon
Leon Hot Springs
Lewis
Lily
Linda
Linklater
Linkwater
Little
Little Slocan
Lonely
Lone Tree
Lookout
Loop
Lower Arrow
Luke
Lussier
Lvell
Macdonald
Mackenzie
Macpherson
Macoun
McArthur
McBain
McCormick
McDonald
McDougal
McGregor
McMullen
McNicoll
Manganese
Marion
Mark
Marpole
Martins
Matthew
Maus
Meacham
Meadow
Mescoh
Michael
Michaud
Minaret
Mineral
Misko

BRITISH COLUMBIA—*Continued.*

Kootenay—*Con.*

Mista
Mitchell
Moberly
Moloch
Monroe
Mooyie
Mosquito
Mouse
Moyie
Mud
Mulvey
Mummery
Nakimu
Nakusp
Naumulten
Nelson
Nemo
Neptuak
Niles
Niord
Norbury
Norns
North Albert
North Branch (Kicking Horse R.)
North Fork (Yoho R.)
North Star
Novelist
Octopus
Odaray
Odin
Oesa
Ogden
Ogre
O'Hara
Oke
Oliver
Otterhead
Ottertail
Owen
Paget
Palisade
Palliser
Palmer
Palmer Bar
Park
Pearce
Peavine
Perley Rock
Perry
Pilkington
Pilot
Pingston
Pinnacle
Pirate
Pitt
Pollinger
Popes
Porcupine
President
Privateer
Proctor
Pudding
Purity
Pyramid
Rainy
Redan
Redburn
Redding
Reserve
Revelstoke
Ridgeway
Rinda
Ripple
Robertson
Robson
Rock
Rogers
Rose
Ross
Ruby
Russel
Rykerts
St. Eugène
St. Mary
Sanderson
Sanderson
Sangrida
Sapphire
Sarbach
Saugum
Sawyer
Scalping Knife
Schaffer
Sealion
Selkirk
Selwyn
Seraph
Sharp
Shaughnessy
Sherbrooke
Shields
Sifton
Silvertip
Simpson
Sir Donald
Sir Sandford
Six-mile
Skirmish
Slocan
Smart
Snowslide
Sodalite
Solitude
Sonata
Sorcerer
Spike
Spillimacheen
Spirit
Sproat
Stanford
Stanley
Steele
Steep
Stephen
Stevens
Stockmer
Storm
Sugarloaf
Sullivan
Sunshine
Swan
Swanzy
Swiss
Syringa
Tabernacle
Tackle
Takakkaw
Tallon
Terminal
The Bishops
The Dome
The Monarch
The Needles
The Overlook
The President
The Rampart
The Stragglers
The Steeples
The Vice President
Thor
Thumb
Tilley
Toby
Tokumm
Tonkawatla
Topham
Torrent
Tower
Tracy
Trident
Trolltinder
Truda
Tulip
Tupper
Twin
Two-bit
Upper Arrow
Upper Emerald
Upper Kootanie
Urd
Ursus Major
Ursus Minor
Uto
Valhalla
Valkyr
Van Hooven
Van Horne
Van Houten
Vaux
Ventego
Vertebrae
Vertical
Victoria
Vidette
Vingolf
Waitabit
Walker
Wallenger
Wapateehk
Wapta
Wapta
Waputik
Wardner
Washmawapta
Waterfall
Weaver
Wedgwood
Wenkchemna
W. Brch, Gold R.
Whaleback
Whatshan
Wheeler
Whitefish
White Grouse
White Man
Whymper
Wild Horse
Wigwam
Willowbank
Wilson
Wiwaxy
Woden
Worthington
Wotan
Yahk
Yarrell
Yoho
Yukness
Zinc

SESSIONAL PAPER No. 21a

BRITISH COLUMBIA—*Continued.*

New Westminster.

Active
Ballenas
Ballinac
Blanchard
Blanshard
Brackendale
Buntzen
Burrill
Cain
Cheakamus
Collinson
Daisy
Descanso
Discovery
Duke
Fraser
Galiano
Houston
Houstoun
Knight
Kuper
Lasketti
Lasquely
Lasqueti
Malaspina's
Matthews
Mayne
Miles
Mouat
Mouatt
Parson
Pender
Plumper
Plumper's
Porlier
Portier
Prevost
Rip
Rocky
Rosenfeld
Ruth
Schooner
Seechelt
Semiamu
Squamish
Sumas
Sumass
The Golden Ears
Tinson
Trout

Yale.

Adams
Anesty
Angle
Anstey
Arlington
Bastion
Beaver
Beaverdell
Bobbie Burns
Britton
Carmi
China
Connaught
Coquihalla
Crystal
Eagle
E. Fork of W. Fork. Kettle R.
Ferroux
Fish
Fraser
Gold
Granite Creek
Grasshopper
Griffin
Hall
Henning
Hozameen
Hunters
Ida
Jackson
Joss
Kettle
King Solomón
Klesilkwa
Little Shuswap
Loadstone
Lodestone
Mabel
Mara
Monté
Mosher
Murphy
Nepopekum
Nisconlith
Niskainlith
Niskonlith
Olivine
Paradise
Rabbitt
Riddell
St. John
Salmon
Salmon Arm
Seymour
Shawatum
Shoushwap
Shuswap
Silver
Similkameen
Skagit
S. Fork of Beaver (creek)
S. Similkameen
S. Thompson
Spallumcheen
Spearing
Steamboat
Sumallo
Trapper
Tulameen
Valdes
Wallace
Whaler
Whipsaw
Wilkinson

Vancouver Island.

Admiral
Anderson
Arbutus
Arnet
Arrowsmith
Bamfield
Banfield
Barclay
Barkley
Baynes
Bazan
Becher
Beck
Beddingfield
Beecher
Beechy
Beeghados
Belcher
Benson
Bentinck
Big Saanich
Blinkhorn
Bluff
Booth
Boulder
Brabant
Braden
Brandon
Brenton
Broom
Brotchie
Bruce
Buck
Burgoyne
Burial
Burveith
Cassidy
Cattle
Chase
Chase River Crossing
Chemainus
Chemainus
Cherry
Chuan
Church
Clayoquot
Clayoquet
Cluster
Coal
Cobble Hill
Coffin
Colborne
Colbourne
Colburne
Collins
Commerell
Commerell
Conspicuous
Cordova
Cordova
Cormorant
Coronation
Cottle
Cowichan
Cowichan
Cowichin
Cowitchin
Crown
Dayman
Deadman
De Courcy
Demaniel
Departure
Dodd
Donaldson
Double
Douglas
Douglas
Duffin
Duncan
Dunsmuir
Edgell
Edmund
Effingham
Empress
Entrance
Erskine

BRITISH COLUMBIA—*Continued.*

Vancouver Island—*Con.*

Execution
Extension
Fairway
False
Felice
Finlayson
Fleet
Fraser
Frazer
Fuller
Gabriola
Galiano
Gallows
Garibaldi
Glacier
Goldstream
Gonzales
Grice
Hall
Halsted
Hammond
Haslam
Hayes
Hecate
Henderson
Hoggan
Holden
Holland
Horse Shoe
Horswell
Howe
Hudson
Icarus
Imperieuse
Inner
Jack
Jack's
Jeffrey
Jesse
Joan
Joclyn
Jordan
Karmutsen
Kirby
Kla-anch
Koksilah
Kulleet
Ladysmith
Lagoon
Langford
Leading peak
Leboeuf
Leech
Lighthouse
Link
Lock
Long
McDonald
McKay
McLaughlin
McLoughlin
Maguire
Malahat
Maple
Matheson
Maxwell
Metchosin
Michael
Moresby
Monat
Mouatt
Mudge
Muir
Nanaimo
Nankivell
Nares
Narrow
Neck
Neilson
Nigei
Nimpkish
Nixon
North peak
Northumberland
Norway
Opitsat
Osborn
Otter
Oyster
Pachena
Page
Parkins
Parry
Pedder
Pender
Pender
Piers
Pilot
Pimbury
Pinbury
Point-no-point
Portland
Possession
Prevost
Protection
Quadra
Quamichan
Race
Ragged
Ranch
Redflag
Reid
Retreat
Richard
Richards
Round
Royal
Saanich
Saanichton
Saddle
Saddle
St. Mary
St. Patrick's
Saltspring
San Josef
San Juan
San Miguel
Sansum
Satellite
Secretary
Secretary
Separation
Shaft
Sharp
Shawnigan
Shepherd
Sheringham
Sherringham
Shotbolts
Shute
Sibell
Sidney
Skinner
Skirt
Snake
Somass
Somenos
Sooke
South Wellington
Squally
Stockham
Stone
Stuart
Sumass
Survey
Sutil
Swanson
Sydney
Thetis
Tod
Towinent
Trap
Tofino
Trincomali
Trois Bras
Tugwell
Twin
Tyne
Tzuhalem
Union
Usatzes
Vesuvius
Wallace
Wallis
Wark
Waugh
Westholme
Whiffen
Whymper
William
Wilson
Wilson's Crossing
Wood
Woods
Woodley
Work
Yellow
Zachariah
Zero

SESSIONAL PAPER No. 21a

MINING DIVISIONS IN BRITISH COLUMBIA.

Ainsworth
Alberni
Arrow Lake
Ashcroft
Atlin
Bella Coola
Cariboo
Clayoquot
Clinton
Fort Steele
Golden
Grand Forks
Greenwood
Kamloops
Lardeau
Liard
Lillooet
Nanaimo
Nelson
New Westminster
Nicola
Omenica
Osoyoos
Quatsino
Quesnel
Revelstoke
Similkameen
Skeena
Slocan
Slocan City
Stikine
Trail Creek
Trout Lake
Vernon
Victoria
Windermere
Yale

MANITOBA.

Albert
Alexander
Anderson
Antler
Apeganau
Apussigamasi
Armit
Armitt
Asham
Asippitti
Athapapuskow
Atic-a-make
Atikameg
Bad Throat
Bald Eagle
Basquia
Bear
Beaver-dam
Belanger
Berens
Big
Big Black
Big Cutarm
Big Reed
Birch
Bird
Birds Hill
Birdtail
Birtle
Black
Bloodvein
Blue Hills of Brandon
Bowsman
Boyne
Brandon
Brereton
Brokenhead
Brokenmouth
Burntwood
Burton
Cedar
Childs
Churchill
Claude
Cold
Coleman
Contact
Cormorant
Cowan
Cranberry
Crane
Cross
Cutarm
Cypress
Dauphin
Dawson
Deer
Deer
Doghead
Dog's Head
Dolomite
Drifting
Drumming
Duck
Duck
Duck River N.
Duck River S.
Dunsekikan
East
East Doghead
Ebb-and-Flow
Echimamish
Elbow
English
Fairford
File
Fisher
Footprint
Fork
Gainsborough
Gods
Graham
Grand
Granville
Grass
Grass
Great Black
Grenville
Grindstone
Hayes
Hay's
Headingley
Hecla
Herb
High Bluff
Hill
Hill
Hole
Hudson
Huns Valley
Icelandic
Iles de Bois
Indian
Indian Pear Island (lake).
Island
Ithenotosquan
Jackhead
Jackson
James Ross
Kematch
Kiskitto
Kiskittogisu
Kisseynew
Kississing
Kiwanzi
Landing
LaRivière
Laurie
Lawrence
Lilly
Limestone
Little Black
Little Saskatchewan
Lobstick
Long
Loonhead
Lorette
Lorne
Louise
McCreary
Manasan
Manigotagan
Manitoba
Mantagao
Manuminan
Maskwa
Matheson
Methy
Minago
Minitonas
Minnewakan
Missinnippi
Missipisew
Mitishto
Moose
Moosehorn
Morris
Mossy
Mountain
Muddy Water
Muhigan
Munosahn
Muskrat
Nelson
Netley
Net Setting
Nipuwin
Niskitogisew
Nistowasis
North Antler
North Duck
N.W. Angle
Oak
Oakbank
Odei

MANITOBA—*Continued.*

Oiseau
Omatuwi
Onatamini
Ooskootim
Opegano
Ospwagan
Outer Sturgeon
Overflowing
Paint
Pakwa
Pakwahigan
Paquehigan
Partridge Crop
Pasquia
Payoonan
Pembina
Pentemerus
Peonan
Pine
Pineimuta
Pineroot
Pipe
Pipestone
Pipestone
Plum
Point
Pokkattawagan
Poplar Point
Portage
Portage-la-Prairie
Pruden
Puke-lowogein
Pukkattawagan
Punk
Punk
Qu'Appelle
Rapid
Rat Portage lake
Reader
Reed
Reindeer
Reindeer
Richard
Riding
Roaring
Rolling
Roseau
Ross
Sagemace
St. Andrew
St. David
St. George
St. Martin
St. Patrick
Sahpoochaway
Sandy
Saskatchewan
Saskeram
Scratching
Segatiga
Sepewesk
Setting
Shell
Singooh
Singush
Sipiwesk
Sisipuk
Slave
Sleeve
Snake
Souris
South Antler
South Duck
Southern Indian
Spence
Split
Squirrel
Steel
Steeprock
Swan
Sweet Herb
Takipy
Teal
The Big (slough)
The Elbow
The Pas
Threepoint
Traverse
Trout
Turnagain
Turtle
Valley
Vankoughnet
Violadale
Wabishkok
Wanipigow
Wapichtigow
Wapishtigan
Warpath
Waskatowaka
Waskaiowaka
Washow
Waskik
Waskiktepigo
Waskwatim
Watchi
Waterhen
Weir
Wekusko
Wepiskow
West
Westbourne
West Dog Head
West Niskitogisew
Whitemouth
Whitemud
Whiteshell
Whitewater
Whiteway
Wilson
Wimapedi
Windy
Winnipegosis
Wintering
Witchai
Wolf
Wolf Rand
Wood
Woody
Wuskatasko
Wuskwatim
Yawningstone

NEW BRUNSWICK.

Albert.

Albert
Cap de Moselle
Chignecto
Demoiselle
Enrage
Golden Mountain
Gowland Mountain
Hopewell Corner
Petcoudiac
Petitcodiac
Point Wolf
Rougie
Roxburgh
Salisbury

Carleton.

Becaguimec
Beechwood
Bumfrau
Maduxnakeag
Manquart
Mars Hill
Meduxnekeag
Monquart
Munquart
Newburg
Newburg Junction
Peckagomique
Presquile
Richmond
Richmond Corner
Rivière-des-Chutes
Shictahawk
Shiktahawk

Charlotte.

Belas
Campobello
Canous
Canouse
Deadman
Etang
Grand Manan
Harbour de Lute
Kanus
Lepreau
L'Etang
L'Etete
Letite
Loutre
Mace
Mascabin
Mascareen
Mascarin
Mehollan
Meholland
Menan
Midjik
Mijic
Mulholland
Paskekegan
Piskahegan
Rollingdam
St. Andrews
St. Stephen
Watt
Watt Junction

NEW BRUNSWICK—*Continued.*

Gloucester.

Alemek
Baie des Chaleur
Bartibog
Caraquet
Caron
Carron
Chaleur
Elmtree
Flemming
Grande Anse
Green Point
Lamek
Laplante
Limestone
Little Nipisiguit
Millstream
Miltonbrae
Miscou
Mya
Mya
Nepisiguit
Nickadow
Nigadu
Nipisiguit
Nipisiguit Millstream
North Mya
Petit Rocher
Pockmouche
Pocmouche
Pokemouche
Pokesudi
Shippigan
S. B, Little (river)
South Mya
Tetagouche
Teteagouche
Young's

Kent.

Cocagne
Galloway
Galway
Kingston
Macdougall
Molus
Moulie's
New Galloway
New Galway
Pelerin
Point Sapin
Puellering
Rexton
St. Mary
St. Paul

Kings.

Newtown
Pequaket
Philmonro
Pickwaket
Pikwaket
Quispamsis

Madawaska.

Gounamitz
Gunamitz
Little Fork
Waagan
Wagan

Northumberland.

Barnaby
Cain
Cain River
Kains
Mamozekel
Miramichi
Mirimichi
Momozekel
Nepisiguit
Nipisiguit
Rivière-des-Caches
Rogersville
Stratharbo
Tabasintac
Tabisintac
Tabusintac

Queens.

Gaspereau
Grimross
Washademoak
Washedemoak

Restigouche.

Baie des Chaleur
Campbellton
Chaleur
Cold Brook
Colebrooke
Dawsonvale
Dawsonville
Gounamitz
Gunamitz
Kedgwick
La Lime
Lanim
Le Nim
Little Fork
Little Tobique
Nictor
Quatawamkedgewick
Restigouche
Ristigouche

St. John.

Courtenay
Manawagonish
McCoy
Maspeck
Michepasque
Mispec
Mispeck
Mispek
Misshapec
Mizpeck
Thompson

Sunbury.

Gaspereau
Oromocto
Oronocto
Portobello
Rusagonis
Rushagornis

Victoria.

Aroostook
Arthuret
Campbell
Ennishone
Ennishore
Gounamitz
Gunamitz
Little Fork
Little Tobique
Mamozekel
Momozekel
Nictau
Odellach
Otellock
Rapide-de-Femme
Right Hand Brch Tobique R.
Riley
Sisson
Tobique
W. Brch. Tobique R.

Westmorland.

Aboushagan
Aulac
Baie-Verte
Bay Verte
Belliveau
Berrys Mills
Bristol
Chignecto
Folly
Fort Folly
Gaspereau
Great Shemogue
Jolicœur
Lutz
Missaguash
Misseguash
Missiguash
Missiquash
Oulac
Painsec
Petcoudiac
Petitcodiac
Point de Bute
Pont-à-Buot
Shemogue

York.

Becaguimec
Brockway
Brookway
Chiputneticook
Coac
Koak
McAdam
Nacawicac
Nackawic
Newmarket
Oromocto
Oronocto
Peckagomique
Pocowagamis
Pokiok
Pokowagamis
Poquiock
Sheogomoc
Shogomoc
Springfield
Springhill
Stanley
Stanley Village
Taxes
Taxis
Taxous
Texas

NOVA SCOTIA.

Annapolis.

Cegemecega
Chute
Delap Cove
Kejimkujik
Marshall Cove
Port Lorne
Port William
Segum Sega

Antigonish.

George
St. George

Cape Breton.

Big Loran
Big Lorraine
Bras d'Or
Clark
Flat
Fourchu
Gabarus
Gabarouse
Great Bras d'Or
Great Bras d'Or (lake)
Little Bras d'Or
Little Loran
Little Lorembec
Little Lorraine
Lorembec
Low
Low
Mainadieu
Menadou
Neal
Neil
Peter's
Petre
Petrie
Petrie's
St. Andrew
Scatari
Winging
Wining
Winning

Colchester.

Basin of Mines
Debert
Debert
Kemptown
Masstown
Minas basin
Mines basin.
Partipique
Portapique
Wanghs

Cumberland.

Basin of Mines
Chignecto
Conn Mills
D'Or
Dore
Joggins
Macan
Maccan
Minas basin
Mines basin
Parrsboro
Philip
Phillip
Salem
Salent
Shoulie
Shulie
South Joggins
South Joggings

Digby.

Bear
Belliveau
Brier
Bryer
Hebert
Metaghan
Meteghan
Meteghan Station
Prim
Rogers
St. Mary

Guysborough.

Caledonia
Charlo
Charlo's Cove
Crow Harbour
Isaac Harbour
Liscomb
Middle Caledonia
Newton
Newtown
Port Bickerton
Queensport
Sherbrooke

Halifax.

Barrie
Big Thrumcap
Black Duck Run
Boutilier
Boutillier
Brian
Brine
Caribou Mines
Catch
Clarke
Cleaveland
Cleveland
Coachman
Coolen
Coonan
Covey
Coyle
Dauphinee
Dauphney
Dover
Doyle
Eisner
Eisenhaur
Fleming
Frederick
Frostfish
George
Grampus
Grand
Hackett Cove
Haggert
Harbour
Hosier
Hubbards
Hubley
Hubly
Isnor
Ketch
Kieley
Kitiwiti
Leary
Lichfield
Litchfield
Little Musquodoboit
Little R. Musquodoboit
Mauger
Meagher
Mosher
Myra
Navy
Oakland
Osier
Peggy Cove
Perpisawick
Perrang
Perrin
Petpeswick
Pine Wood
Ponhook
Reed
Reid
St. Croix
St. Margaret
Schnare
Shad
Shag
Sheehan
Shehea
Shubenacadie
Slaughenwhite
Smith
Snares
Stephens
Stevens
Stony
Tangier
Taylor
Tenants
Terence
Tern
Thom
Thrumcap
Tom
Tun
Turner
White
Wynott

Hants.

Basin of Mines
Cheverie
Chiverie
Cockmagun
Cockmigun
Cogmagun
Grand
Hennigar
Joshua Hennigar
La Tete
Minas basin
Mines basin
Northfield
Petite

NOVA SCOTIA—*Continued.*

Hants—*Con.*

Ponhook
St. Croix
St. Croix
Shubenacadie
Tenecape
Tenny
Tennycape
Teny
Tenycape
Threemile Plains
Walton
Weir

Inverness.

Bras d'Or
Cheticamp
Dennis
Denys
Grand Etang
Great Bras d'Or (lake)
Margaree
River Denys
St. Patrick

Kings.

Basin of Mines
Baxter Harbour
Billtown
Canaan
Chipman Corner
Coldbrook
Hall
Hall Harbour
Indian
Kinsman
Longspell
Meehin
Minas basin
Mines basin
New Canaan
North Corner
Norths
Scotsman
Sheffield Vault
Split
Wheaton Vault
Whiterock
White Rock Mills
Whites
White's Corner

Lunenburg.

Aspatagoen
Aspotogan
Coleman
Dares
Dauphinee
Dauphney
Gaetz
Hobson
Indian
Lahave
Le Havre
Meisner
Misener
Upper Lahave

Pictou.

Barney
Barney River
Big
East
John
Merigomish
Middle
West
West river of Pictou

Queens.

Cegemecega
Fairy
Joli Head
Kejimkujik
Medway
Port Joli
Port Matoon
Port Medway
Port Metway
Port Mouton
Segum Sega

Richmond.

Ardoise
Bras d'Or
Creighton
Crichton
Dog
Framboise
Frcestone
George
Gooseberry
Great Bras d'Or (lake)
Gregory
Habitants
Inhabitants
Jauvrin
Jaurrin
L'Ardoise
Marjorie
Petitdegrat
Petit Degrat
Petit de Grat
Poulamon
St. George
Seal

Shelburne.

Big Port l'Hebert
Emulous
Emulou
Head of Jordan (river)
Jordan River
Locke
Lockeport
McNutt
Port Ebert
Port Hebert
Port Latour
Port L'Hebert
Ragged
Ragged Island (harbour)
Rugged
Rugged Island (harbour)
Shelburne
Shelburne Harbour

Victoria.

Aspy
Boularderie
Bras d'Or
Great Bras d'Or
Great Gras d'Or (lake)
Indian
Inganish
Ingonish
Munro
Niganishe
St. Andrew
St. Ann
St. Patrick

Yarmouth.

Cegoggin
Chagoggin
Chegoggin
Great Tusket
Green Cove
Maitland
Port Maitland
Tusket

ONTARIO.

Addington.

Ashby
Effingham
Island
Little Weslemcoon
Weslemkoon

Algoma (District).

Bachewanaung
Bagntchuan
Batchawana
Blind
Bridgland
Brulé
Chiblow
Chippewa
Clear
Coldwater
Corbay
Corbeil
E. Branch Thessalon R.
Endikai
Grand
Grasett
Harmony
Jackson
Jones
Kaikaquabick
Kenogami
Macoming
Madendanadu
Magog
Matinativdo
Misinabi

ONTARIO—*Continued.*

Algoma—(District)—*Con.*

Missanabie
Missinaibi
Mississagi
North Lizard
Pagwachuan
Pakowagaming
Pakowcaming
Pakowkami
Parisian
Parisienne
Patauquin
Pawghtchewan
Pawgutchewan
Pegamasai
Petauguin
Powgulchuan
Reception
Robertson
Rowe
St. Mary
Shookum
Skookum
Superior
Tendinenda
Waagoosh
Wahbiquckobing
Wahcomatagaming
Wahquckobing
Wakomata
Wakwekobi
Waugush

Brant.

Alford
Alford Junction
Eaglenest
Middleport
Mohawk
Mt. Pleasant
Nith (river)
Smith's (creek)
Tuscarora
East
Gage
Knapp
Long
Melville
Myles
Ninemile
Penitentiary
Prince Regent
Quebec
Royal George
Seven Acre
Wolfe

Bruce.

Arbutus
Argyle
Bad Neighbour
Baptist
Barrett
Beament
Belcher
Birch
Boyer
Burke
Campbell
Cataract
Cavalier
Chantry
Chiefs
China
Cigar
Clark
Corisande
Cornet
Corsair
Cove
Cove Island
Crab
Dack
Dane
Doctor
Dorcas
Doré
Douglas
Eagle
Earl Patches
Echo
Evelyn
Fishing
Flowerpot
Gat
Gauley
Ghegheto
Gig
Gilphie
Georgian
Golden
Greenfield
Greenough
Gull
Gunn
Harmony
Hopkins
Horton
Huntress
Hurd
Inverhuron
Isle of Cores
Johnston
Juno
Kincardine
Knife
Kolfage
Lambert
Lee
Logie
Loscombe
Lyal
MacGregor
Macpherson
McCallum
McElhinney
McNab
McRae
Mad
Main
Malcolm
Milton
Parker
Penetangore
Pine
Pine Tree
Porcupine
Port Elgin
Ragged
Red
Reid
Ripple
Russel
Saturn
Saugeen
Saxon
Scott
Scougall
Scout
Seashell
Shute
Sibert
Simon
Smokehouse
Snake
Southampton
Stokes
Stony
Tecumseh
Terry
Tobermory
Tolmie
Turning
Twin
Vrooman
Wanderer
Warner
Warren
Wells
Welsh
Wreck
Youell
Zinkan

Carleton.

Bells Corners
Britannia Bay
Dwyerhill
Rockcliffe
Rockliffe
Goulburn
Hardwood Plains
Harwood Plains
Hemlock
Herbert Corners
Hurdman
Hurdman's Bridge
Jockvale
Johnston Corners
Limebank
Mackay
Orleans
Ottawa
Remic
Remous
St. Joseph d'Orleans
Stanley Corners
Stittville
Westboro
Woodroffe

Dundas.

Bouckhill
Brinston
Brinston's Corners
Dixon Corners
Froatsburn
Galop
Little Nation
Nation
Newross
Petite Nation
Reid Mills
South Nation
Toussaint

ONTARIO—*Continued.*

Dundas—*Con.*

Toussons
Toyehill

Elgin.

Aldborough
Aylmer
Big Otter
Big Otter Creek
Glencolin
Otter
Port Burwell

Essex.

Edgar
Edgar's Mills
Ile aux Pêches
Peach
Pelee
Pointe Pelee
Puce
Ruscom
St. Clair
St. Joachim

Frontenac.

Bayfield
Bolivia
Brown's

Glengarry.

Baudet
Beaudet
Black
Bodet
Cashionglen
Colquhoun
Craigs
Delisle
Garry
Glenbrook
Glengarry
Glennevis
Glenroy
Grant Corners
L'Islet
Mouile
Mouille
Mouillée
Munroe Mills
Raisin
Rigaud
Riv. aux Raisins
St. Raphael
Stanley
Stonehouse

Grenville.

Acton Corners
Bishop
Bishop's Mills
Burritt Rapids
Easton
Easton's Corners
Galop
Graisse
Kemptville
Little Nation
Lordmills
McReynolds
McReynold's Corners
Millar
Millar's Corners
Nation
Petite Nation
Shanly
South Nation
South Rideau
Wilson
Wilson's Bay

Grey.

Georgian

Haldimand.

Canboro
Cook
De Cewville
McKenzie
Nelles
Nelles' Corners
Sherbrooke
Willowgrove

Haliburton.

Boshkung
Bright
Burnt
Canning
Cay-ke-quah-bekung
Davis
Drag
East
Eel
Eels
Farquart
Fishtail
Fletcher
Grace
Haliburton
Hall's
Harry
Johnson
Kabakwa
Kah-bah-bah-quah
Kah-shah-gah-wig-e-mog
Kah-wah-she-be-mah-gog
Kahwambejewagamog
Kashagawi
Kashagawigamog
Kawagama
Kekkekwabi
Ken-ne-big
Ken-ne-ses
Kennibik
Kennisis
Kimball
Kingscote
Kushog
Little Boshkung
Louisa
Macdonald
McFadden
McKenzie
Miskwabi
Mis-quah-be-nish
Monk
Monmouth
Moore
Ne-na-tik-go
Ninatigo
North
Numnekaming
Nunikani
Oxtongue
Paudash
Pee-pee-ke-wah-be-kung
Pen
Percy
Pipikwabi
Poverty
Redstone
Rock
Sah-wah-mish-she
St. Nora
Sawamisshi
Sheldon
Soyers
Stormy
Straggle
Welcome

Halton.

Bronte
Milton
Milton West
Oakville
Sixteen Mile
Snider
Snider's Corners
Twelve Mile

Hastings.

Anne
Baker
Baptiste
Bayside
Boulter
Clark
Coehill
Coe Hill Mines
Copeway
Deseronto
Diamond
Dickey
Dixon
Egan
Fraser
Grimsthorpe
Gunter
Hastings
Hungry
Jamieson
Jamieson's
Jordan
Kaijick Manitou
Kamaniskeg
L'Amable
Limestone
Long
Long
Moira
Myers
Nigger
Ox
Papineau
Quinte
Salmon

ONTARIO—*Continued.*

Hastings—*Con.*

Shannonville
Sidney
Snake
Tangamong
Telegraph
Thomson
Thurlow
Trent
Trenton
Trident
Tyendinaga
Wadsworth
Whetstone
Wolf
York
Zwick

Huron.

Albert
Ausable
Bayfield
Blacks
Cantin
Goderich
Kintail
Maitland
Menesatung
Sable
St. Joseph
Wright

Kenora (District).

Abraham
Abram
Adam
Affleck
Aiabewatik
Alexandra
Amik
Ant
Anzhekumming
Armstrong
Ash
Asheigamo
Assinkepatakiso
Atikwa
Austin
Bad Rice
Bailey
Bakado
Ball
Balne
Barclay
Barnston
Barren
Barrie
Basket
Bass
Beaubien
Beaverhouse
Bending
Bent
Berry
Black Bird
Black Sawbill
Blueberry
Botsford
Boulder
Bowden
Boyer
Brownie
Burnet
Burntwood
Butler
Calder
Cameron
Cañon
Canoe
Carleton
Caron
Celtis
Centrefire
Cherry
Circle
Clear
Clearwater
Cleftrock
Cliff
Cook
Corn
Crow
Daniels
Danish
Deacon
Deer
Delany
Denmark
Dinorwic
Discovery
Dominick
Don
Drewry
Dryberry
Drydon
Dyment
Eagle
Eagle Rock
Edith
Edward
Elbow
English
Ethel
Eva
Evening
Favel
Fawcett
Fiord
Fisher
Flint
Fluke
Fog
Foreleg
Forest
Gamskagamik
Gawjewiagwa
Ghost
Gilbert
Gordon
Grassy River lake
Grindstone
Gryphon
Hall
Harris
Hawk
Hawkcliff
Hawkrock
Hebden
Hector
Highstone
Hill
Hodgins
Hourglass
Hughes
Hutchison
Ingall
Jay
John
Kabagukski
Kabikwabik
Kabitustigweiak
Kagiwiosa
Kaiashkomin
Kakagi
Kakinnozhans
Kamanatogama
Kaminnassin
Kaminnaweiskagwok
Kaminni
Kamongus
Kaopskikamak
Kaoskauta
Kapesakosi
Kapikwabikok
Kasakacheweiwak
Kawashegamuk
Kawasheibemagagamak
Kawawia
Kawawiagamak
Keikewabik
Kekekwa
Kennabutch
Kennewapekko
Kenora
Kenozhe
Keys
Kilvert
Kimmewin
Kinnickoneship
Kinnyu
Kinoje
Kiskopkechewans
Knob
Kramer
Kukukahu
Kukukus
Large Trout
Laurier
Lester
Lewis
Lindal
Line
Linklater
Little Jackfish
Little Wabigoon
Lobstick
Lonely
Lone Man's
Long
Loon
Lorne
Lost
Lount
Low
Lynx
MacMillan
McDonald
McHugh
McIntyre
McLennan
Mang
Manitou
Manitumeig
Manomin
Mark
Martin
Matilda
Maynard
Meander

ONTARIO—*Continued.*

Kenora (District)—*Con.*

Meggisi
Menikwesi
Mennin
Meskwatessi
Mestowana
Miller
Minnaweiskag
Minnehaha
Minnesabik
Minnikan
Minnitaki
Mongus
Moonshine
Morgan
Mountain
Mud
Mystery
Namego
Nemeibennuk
Nimrod
Norse
N. W. Angle
Nozheiatik
Nurse
Oak
Oneman
Ord
Osbourne
Osipasinni
Otakus
Oval
Oxdrift
Painkiller
Parrywood
Peak
Pelican
Penassi
Perault
Pereault
Perrault
Pichenninnis
Picture Narrows
Pine
Power
Priam
Rat Portage
Rosamond
Ross
Route
Rowan
Saganaga
Sasakwei
Schist
Schnarr
Seggemak
Selby
Separation
Seul
Shallow
Shingwak
Shongwashu
Silver
Small Trout
Smoothrock
Spar
Stanawan
Stanzhikimi
Stephen
Stewart
Stranger
Sucker
Summit
Summit
Sunday
Sunshine
Syndicate
Taché
Talbot
Tasheigama
Tawatinaw
Teggau
Threefork
Thunder
Tide
Twilight
Unaminnikan
Uphill
Upper Manitou
Vermilion
Vulture
Wabigoon
Wabigwunn
Wall-eye
Walsh
Wapageisi
Wapoose
Wapus
Washeibemaga
Wasp
Wawiag
Weisaieno
Whitney
Wickens
Wigwas
Wilcox
Willard
Williams
Winnange
Woods

Kent.

Dover East
Dover South
East Dover
Ennett
Jeannette
Mitchell
Mitchell Bay
Muirkirk
Paincourt
Rondeau
St. Clair
Turnerville

Lambton.

Blackwell
Blind
Blue
Chematogan
Edward
Eddy's Mills
Edy Mills
Fawn
Harris
Henry Corners
Ipperwash
Kettle
Kingscourt
Mandamin
Moore
Petrolia
Point Edward
St. Anne
St. Clair
Woodtick

Lanark.

Allan Mills
Christie Lake
Ferguson Falls
Franktown
Smiths Falls

Leeds.

Adelaide
Admiralty
Amazon
Amherst
Ash
Aspasia
Astounder
Aubrey
Axeman
Bagot
Barge
Bass
Bathing
Bathurst
Battersby
Baumgardt
Beaurivage
Belabourer
Bellamy
Big
Big Stave
Bingham
Black Charlie
Bloodletter
Bloomfield
Bluff
Bluff
Boss Dick
Bouchier
Bowes
Bratt
Bridge
Brock
Broughton
Brush
Bucks
Burnt
Burntstone
Bush
Camelot
Campbell
Carnegie
Catline
Cedar
Champagne
Cherry
Chichester
Chimney
Chimney Island (point)
Citron
Clark
Cleopatra
Club
Cockburn
Collier
Conran
Constance
Cook
Corn
Corn
Corn Island (shoals)
Cunliffe
Cut
Dark

ONTARIO—*Continued.*

Leeds—*Con.*

Dark
Dashwood
Davis
Deathdealer
Deer
DeRottenburg
DeWatteville
Dinghy
Dobbs
Doctor
Donald
Downie
Dromedary
Dumfounder
E. Chimney Island (shoals)
Endymion
Everest
Fairfield
Fairfield East
Fairy
Fiddlers Elbow
Fisher
Float
Forsyth
Fort Wallace
Gage
Garden
Garrett
Gates
Georgina
Gibraltar
Gig
Glenelbe
Gordon
Goulbourne
Grape
Grass
Grenadier
Griswold
Grog
Guide
Gunliffe
Hambly
Hamilton
Harvey
Hay
Hickey
Hill
Hog
Hooper
Horseshoe
Howe
Huckleberry
Humbly
Ingall
Jackstraw
Johnson
Jones
Lake Fleet
Leak
Leek
Leroux
Lindsay
Little
Littlejohn
Little Stave
Lynedoch
McCoy
McDonald
McDonald's
McIntosh
McMahon
McNair
Melville
Mermaid
Mile
Mile
Millar's
Milton
Mink
Montgomery
Mulcaster
Murray
Myers
Narrow
Navy
Needles-Eye
Netley
Niagara
Niddery
Ninette
O'Conor
O'Connor
Old Bluff
O'Neil
Otty
Owen
Patterson
Pear
Peel
Perch
Picnic
Pilot
Pine
Pitchpine
Poole
Pooles Resort
Popham
Prince Alfred
Prince Edward
Prince Regent
Princess Charlotte
Psyche
Quarry
Raft
Ramsden
Raspberry
Rattlesnake
Redhorse
Reed
Refugee
Renny
Riall
Rich
Robert
Robinson
Rocksprings
Rolleston
Rose
Rough
Round
Rowley
Royal
St. Helena
St. Lawrence
Savage
Scorpion
Seeley
Seven Pines
Shantee
Shanty
Sheaffe
Sherbrooke
Sherwood Spring
Shoe
Shoemaker
Simcoe
Sir William
Sisters
Skelton
Smith's
Smoke
Snake
Sparrow
Spectacles
Spilsbury
Spit
Spong
Squaw
Stave
Stovin
Sugar
Sumac
Sumach
Surveyor
Tar
Tent
Tent Island shoal
The Punts
Thwartway
Tidds
Troughton
Twin Sisters
Van Buren
Vansittart
Victoria
Wallace
Watch
Wedlock
Willoughby
Wiltse
Yeo
Yorke

Lennox.

Salmon
Unger

Lincoln.

Bismarck
Camden
Campden
Gainsborough
Grassey's Corners
Grassie
Jordan Harbour
Queenston
St. Ann
St. Catharines
St. David
Wellandport

Manitoulin (District).

Advance
Agawa
Aguawa
Ainslie
Bain
Beech
Belanger
Benson
Birch
Black
Blake
Blue Jay
Boom
Buckeye

ONTARIO—*Continued.*

Manitoulin (District)—*Con*

Buller
Burnt
Burnt Island
Cariboo
Carroll Wood
Carter
Castilian
Channel
Charlton
Chisholm
Christina
Cinder
Cockburn
Dave
Dean
Desert
Dominion
Dunn
East Belanger
East Sister
Edna
Ella
Emily Maxwell
Everett
Fagan
False Detour
Fisher
Fitzwilliam
Frechette
Froude
Gaspesia
Gatacre
Genesta
Gironard
Glycerine
Goose
Grand Manitoulin
Grantham
Grant
Gravel
Great Duck
Green
Greene
Greene Island
Gull
Hammond
Hannah
Hensley
Herschell
Hewson
Horseshoe
Houston
Hughson
Hungerford
Husten
Hyndman
Indian
Inkster
Inner Duck
Ivan
Jackson
James
Jenkins
Jennie Graham
Jones
Kipling
Kitchener
Kitty
Labrador
Larry
Leask
Little
Little Cockburn
Little Grant
Little Green
Lonely
Lougheed
Lucas
Lynn
Macauley
McCarthy
McCaw
McKay
McKim
McLelan
Magnetic
Maiden
Manitoba
Manitou
Manitoulin
Manitoulin gulf
Manitowaning
Mary
Mayflower
Meldrum
Melville
Methuen
Michael
Middle Duck
Mildram
Mildrum
Milton
Mindemoya
Mink
Misery
Mississagi
Monell
Murphy
Mutchmore
North
Outer Duck
Owen
Pearson
Perseverance
Phœbe
Portage
Providence
Pulpwood
Purvis
Quarry
Queen
Rathbun
Red Dan
Rickett
Rickley
Rixon
Roberts
Robertson
Rudyard
Sand
Saunders
Scotchie
Seaman
Shamrock
Shecake
Ship
Simcoe
Simms
Sims
Smith
South
S. Baymouth
Square
Srigley
Stafford
Steevens
Stewart
Stony
Taylor
The Narrows
The Ridge
Thibault
Thistle
Thomas
Timber
Todman
Vigilant
Volunteer
Wagosh
Walker
Walkhouse
Wallace
West Belanger
West Duck
Western Duck
West Sister
Wheeler
White
Wild
Woods
Yeo

Middlesex.

Arra
Fairfield
Glenwillow
Hutchinson
Hutchison
Kerwood
London Junction
McGillivray
McInnes
McInness
Maplegrove
Medway
Parkhill
Pottersburg
The Grove
Walker
W. McGillivray

Muskoka (District).

Bays
Brébeuf
Georgian
Muskoka
St. Mary
Trading

Nipissing (District).

Aylen
Cache
Camp
Cassels
Dotty
Friday
Great Opeongo
Hay
Link
Little Madawaska
Little Opeongo
Lobster
Macauley
McNevin
Maggie
Matabechawan
Matabitchuan

ONTARIO—*Continued.*

Nipissing (District)—Con.

Net
Obashkong
Opeongo
Peeshabo
Pishabo
Provoking
Ragged
Rib
Sea
Smoke
Source
Tamagaming
Tasso
Tea
Temagami
Temiscaming
Temiscamingue
Temiskaming
Timagami
Timiskaming
Two Rivers (lake)
White Bear

Norfolk.

Fairground
Kinglake
La Salette
Long
Long Point
Mabee
Maybee
North Foreland
Outer bay of Long Pt.
Villanova

Northumberland.

Brighton
Calf Pasture
Carrying Place
Gale
Murray
Peter
Presqu'ile
Sherwood
Shoal
Stony
Stoney
Trent
Twelve O'clock
Weese

Ontario.

Couchiching
Champlain
Chiefs
Frenchman
Orchard
Pickering
Starvation
Strawberry

Oxford.

Banner
Currie
Curries Crossing
Folden
Folden's Corners
Goble
Harrington
Harrington West
Hawtrey
Nith (river)
Smith's creek
Tillsonburg

Parry Sound (District).

Alwin
Bigsby
Bray
Cherry
Counts
Dead
Depot
Dokis
Frances Smith
Franklin
Georgian
Germain
Guano
Hanna
Keefer
Key
Lash
Maganatawan
Magnetawan
Mann
Murray
Perkins
Phillips
Pine
Pratt
Ruel
Shawanaga
Shebeshekong
Supply
Wedge
Wicksteed

Patricia (District).

Achigo
Anamebini
Annimwash
Asheweig
Attawapiskat
Badesdawa
Bamaji
Bamajigma
Birch
Black Iron
Blackstone
Bluffy
Cat
Cedar
Chuch Koone
Chukuni
Cochrane
Cross
Eabemet
Ekwan
English
Equan
Fairy
Favourable
Fawn
Fishbasket
Fort Severn
Greenshields
Gullrock
Hair
Hudson
Kabania
Kah-mini-ti-qwa-quiack
Kakinookama
Kanuchuan
Kapikik
Kapiskau
Kapkichi
Kasagiminnis
Kay-gat
Kaypiscow
Kee-she-kas
Keigat
Kenozhe
Kishikas
Kishki
Lake of the Narrows
Little Cedar
Little Sachigo
Little Shallow
Lonely
Long-legged
Lower Clearwater
Machawaian
Makokibatan
Mamakwash
Mameigwess
Manitush
Margaret
Marten Drinking
Matawa
Medicine-stone
Meggisi
Michikamog
Michikenis
Michikenopik
Miminiska
Mimominatik
Misamikwash
Monsomshi
Nameins
Nankika
Nechigona
Nemeigusabins
Nibinamik
Nolin
Obashi
Ochig
Ogani
Opikeigen
Opinnagau
Oponask
Otoskwin
Ozhiski
Ozhuskans
Packhoon
Pagaonga
Pakhoan
Pakwash
Papaonga
Paquash
Pe-kange-kum
Pekangikum
Pepisquew
Pichinamei
Pickle
Pikangikum
Pizustigwan
Powingow
Red
Root
Sachigo
Sagaminnis
Sesikinaga

ONTARIO—*Continued.*

Patricia (District)—*Con.*

Seul
Severn
Shabumeni
Shagamu
Shakaneh
Shallow
Shamattawa
Slate
Sogakwa
Sutton
Tabasokwia
Tashka
Totogan
Upinnakaw
Vermilion
Wadopi
Wagabkedei
Wai-nusk
Wapakik
Wapikopa
Wapitotem
Washagami
Washagomis
Washagummy
Washi
Weenisk
Weibikwei
Wenasaga
West Winisk
Whitefish Spawning
Whitestone
Wigwasikak
Williams
Windigo
Winisk
Winisk
Winiskisis
Winonitikameg
Wintawanan
Wizida
Wizidans
Woman
Wunnummin

Peel.

Caledon East
Campbell Cross
Campbell's Cross
Derry
Derry West
East Caledon
Stanley Mills
Stanley's Mills

Perth.

Listowell
St. Marys

Peterborough.

Anstruther
Barrette
Bolger
Buzzard
Catchacoma
Chemung
Compass
Cox
Eagle
Gull
Jack
Kag-ish-a-bog-a-mog
Kasshabog
Ketchacum
Loucks
Mississagua
Oak
Pencil
Pilot
Serpentine
Shemong
Stony
Stoplog
Tallan

Prescott.

Ltocas
Autaca
Azatika
Deseticaux
Dez Amecane
Fournier
Fournierville
Graisse
Gratton Corner
Great
Hamilton
Large
Little Nation
L'Orignal
McAlpine
Nation
Petite Nation
Rigaud
South Nation

Prince Edward.

Albury
Athol
Ameliasburg
Bald
Becroft
Big
Bigelow
Big Sandy
Cadman
Capt. John's
Carrying Place
Cedar
Charwell
Cole
Consecon
Cornwall Park
Cow
Egg
Foresters
Fox
Grape
Gravelly
Green
Grove
Gull
Horse
Huff
Indian
Indian
Little Sandy
Massasauga
Miller
Muscote
Northport
Onderdonk
Ostrander
Owen
Pine
Pleasant
Potter
Prince Edward
Quinte
Rednersville
Robinson
Rossmore
Salmon
Salt
Salt
Scotch Bonnet
Ship
Smoke
Solmes
Solmesville
Sophiasburg
South
South Bay
Stoneberg
Stoneburgh
Telegraph
Wallbridge
Way
Weller
Wellington
West
Wicked
Youngs

Rainy River (District).

Basswood
Bayley
Big Knife
Birch
Bottle
Cache
Carp
Chaudière
Chaudière
Crooked
Curtain
Cypress
English
Fort Frances
Hunter
Iron
Kettle
Knife
Koochiching
La Croix
Little Knife
Little Vermilion
Long Sault
Loon
Manitou
Melon
Merriam
Namakan
Nameukan
Namoukan
Nequaquon
Pooh-bah
Portage
Rainy
Saganaga
Sand
Sand Point (lake)
Seed
Seiganagah

ONTARIO—*Concluded.*

Rainy River (District)—*Con*

Seiganagan
Seiganagaw
Swamp
Vermilion
Whitewood
Woods

Renfrew.

Bark
Beardwood
Blackfish
Carson
Charlotte
Gorman
Greenan
Lève
McMaster
Madawaska
Paugh
Petawawa
Petewawa
Rockliffe
Stonecliff
York

Russell.

Bearbrook
Bray
Bray's Crossing
Carlsbad Springs
Cheney
Cheney Station
Cobb
Eastman's Springs
Embrun
Little Nation
Martel
Martel Corners
Nation
Petite Nation
St. Onge
South Nation
The Lake

Simcoe.

Bond-Head
Carthew
Couchiching
Georgian
Glenhuron
Kempenfelt
McPhee
Penetanguishene
Simcoe

Stormont.

Black
Chrysler
Croil
Crysler
Dickinson Landing
Eamer
Farran Point
Harrison
Harrison's Corners
Hoople
Little Nation
McMillan Corners
Mille Roches
Monckland
Monklands
Nation
Osnabruck
Osnabruck Centre
Oznabruck
Petite Nation
Raisin
Raisins, Riv. aux
St. Andrews
Sheak
Sheek
Sheik's
Shieck
South Nation

Sudbury (District).

Katherine
Wahnapitae
Wakamagaming
Wakami
Wanapitei

Thunder Bay (District).

Aldridge
Allanwater
Arrow
Bagutchuan
Barbara
Barnard
Barrington
Beckington
Black Sturgeon
Bonnet
Brodeur
Brulé
Bukemiga
Caldwell
Campbell
Caribou
Carp
Cat-tail
Chivelston
Cock
Crystal
Davies
Dawson
Devizes
Edward
Elbow
Elizabeth
Emma
Eskwanonwatin
Esquanonwatin
Flatland
Fort William
Fowl
Frank
Frazer
Geikie
George
Georgia
Gourdeau
Grand
Grand
Granite
Grassy
Great New
Greenbush
Grey
Gull
Gunflint
Gzowski
Hannah
Harris
Haystack
Heathcote
Hen
Houghton
Humboldt
Island Portage (lake)
Jarvis
Jean
Jean-Pierre
Jessie
Jojo
Kabitotikwia
Kabitotiquia
Kagianagami
Kaiashk
Kama
Kaministikwia
Kashaweogama
Kawakashkagama
Kawasgisguegat
Kawashkagama
Kawaweogama
Kawawiagamak
Kelvin
Kenogami
Kenny
Keshkabuon
Kopka
Lasher
Lily
Little Flatland
Logan
Lomond
Long
Lookout
Mackenzie
McEwen
McIntyre
McKay
McKellar
McLaurin
Magnet
Magnetic
Makokibatan
Manitou
Maria
Marshall
Martin
Masinabik
Mattice
Mazokama
Michipicoten
Middlebrun
Miminiska
Mission
Montreal
Moose
Mountain
Mud
Muddy
Murchison
Nameiben
Nepigon
Neston
Nipigon
Nonwatin
Nonwatinose
North
North Fowl
North Wind
Obonga
Oboshkegan

ONTARIO—*Continued.*

Thunder Bay (Dist.)—*Con.*

Obowanga
Ogōki
Ombabika
Onamakawash
Onaman
Onamanisagi
Opichuan
Orient
Pagwachuan
Parks
Partridge
Pashkokogan
Pawghtchewan
Pawgutchawan
Pickitigouching
Pigeon
Pijitawabik
Pijitawabekong
Pikitigushi
Pine
Pishidgi
Pittiwabikong
Porphyry
Port Arthur
Powgulchuan
Rabbit
Randolph
Rat
Reef
Robinson
Rose
Rove
St. John
Saganaga
Seiganagh
Seiganagan
Seiganagaw
Sapasook
Sapassoose
Sapasuk
Savant
Selwyn
Seseganaga
Shaganash
Shakespeare
Shangoina
Sharp Mt. (lake)
Sheepshank
Shcesheeb
Shesheeb
Silver
Smoothrock
South
South Fowl
Superior
Surprise
Swede
Tempest
Threemount
Tiernan
Triangle
Turtle
Wabakimi
Wabinosh
Wanogu
Watap
Waweig
Wawiag
Wawong
Wendigokan
Whiteclay
White's
Whitesand
Wigwasan
Windigo
Windigokan

Timiskaming (District.

Abitibi
Asipimocasi
Barber
Bass
Bear
Beaverhouse
Benson
Blanche
Cassidy
Clear
Cobalt
Crosby
Crown
Dawson
Farr
Friday
Gem
Gillies
Giroux
Goodwin
Gowganda
Grace
Haileybury
Hannah
Hannah Bay (river)
Harricanaw
Isabemagussi
Johnny
Johnson
Labyrinth
Larder
Latchford
Liskeard
Lorrain
Magusi
Mallon
Martineau
Matabechawan
Matabitchuan
Mattagami
Montague
Montreal
Mud
New Liskeard
Nicol
Okikodosik
Peterson
Present
President
Prud'homme
Raven
Rib
Rousselet
St. Anthony
Sasaginaga
Sharp
S. Br. Moose R.
Sutton
Temiscaming
Temiscamingue
Temiskaming
Timiskaming
Wabi
Ward
Wright

Victoria.

Burnt
Montgomery
Young

Waterloo.

Galt
Mill
Nith river
Smith's creek

Welland.

Chantler
Chippawa
Chippewa
Gasline
German Mills
Waterloo
Welland

Wellington.

Galt
Glenallan
Mill
Puslinch
Schaw

Wentworth.

Binbrook
Blackheath
Clappison
Flamboro Centre
Flamboro East
Flamboro West
Galt
Harper Corners
Ryckman
Stony
Stoney
W. Flamboro
W. Flamborough

York.

Clairville
Eglinton
Elder
Elder Mills
Elder's Mills
Fox
Hagerman
Hagerman's Corners
Humber
Laskay
Laskey
O'Sullivan
O'Sullivans Corners
Snake

PRINCE EDWARD ISLAND.

Kings.

East Souris
Hd. of St. Peter's Bay
Montague
Montague Bridge
Peters Road
St. Peter
Souris

Queens.

Grand Rustico
New Wiltshire
North Rustico
North Wiltshire
St. Peter
Wiltshire

Prince.

Big (or N.) Miminigash
Cascumpeque
Holland
Little (or S.)Miminigash
Malpeque
Miminegash
Minimegash
Princetown
Richmond
Roseville
Skinner Pond

QUEBEC.

Abitibi (District).

Abitibi
Agotawekami
Amikitik
Asinitchibastat
Asipimocasi
Atik
Atikosipi
Baxter
Beauchamp
Bell
Bellefeuille
Birch
Blouin
Broadback
Brownwater
Brushy
Buck-hill
Cabane
Chebistuanonekau
Chensagi
Chibougamau
Chikobi
Christopherson
Clay
Coban
Coffee
Cold
Cone
Davy
De Montigny
Dome
Dozois
Eatchepashi
Elizabeth
Etchipotchi
Evans
Figuery
Florence
Garden Island
Geikie
Gens-de-terre
Gizzard
Hannah Bay (river)
Harricanaw
Hébécourt
Height-of-land
High Water
Hugh
Ice
Isabemagussi
Iserhoff
Island
Kabona
Kakameonan
Kakinokamak
Kamoukakwit
Kampigukakatoka
Kamshigama
Kanasuta
Kaniapiskau
Kanusio
Kekek
Kelvin
Keniapiskau
Kiask
Kiemawisk
Kienawisik
Kirk
Kitchigama
Labyrinth
Lady Beatrix
Lartigue
LaSarre
Lemoine
Little Nottaway
Lois
Long
Macoostigan
Magusi
Maikasksagi
Makamik
Makustigan
Mance
Matamik
Matchimanito
Mattagami
Mattawagosik
Megiskun
Mekamic
Mekiscan
Metchiskan
Metiscan
Michaguma
Middleton
Migiskan
Mikwasach
Millie
Mistawak
Moleswerth
Mourier
Mud
Natchipotch
Nipukatasi
Noddawai
Noduay
Northeast
Nottaway
Obadowagashing
Obalski
Obatawagush
Obatogamau
Okikodosik
Olga
Opamiska
Opatawaga
Opawika
Opemiska
Opiwatakan
O'Sullivan
Otchisk
Pakitanika
Paskagama
Piché
Pijuwyan
Puskitamika
Rabbit
Reid
Robertson
Scott
Shabogama
Shamus
Sifton
Simon
Sleepy
Soskunmika
Spirit
Southwest
Taibi
Tshensagi
Wabanoni
Wabinoni
Waswanipi
Wawagosik
Wedding
Wemistagosew
West
Wetetnagami
Wettigo
Whitefish
Whitegoose
Wikwaskopauk
Wotinimata

Argenteuil.

Beechridge
Dalesville
Greece Point
Hillhead
Kingham
Kingsey
Mid. Br. West (river)
St. Andrews

Ashuanipi (District).

Atikonak
Attikonak
Bowdoin
Groswater

QUEBEC—*Continued.*

Ashuanipi (District)—*Con.*

Kenemich
McLean
Melville
Rigolet
St. John

Bagot.

Actonvale
Clairvaux-de-Bagot
St. Dominique-de-Bagot
St. Hector
St. Hector de Bagot
Ste. Hélène-de-Bagot
St. Simon-de-Yamaska
St. Theodore-d'Acton

Beauce.

Adstock
Aylmer
Coldstream
Price
St. Francis
St. François
Buisson

Beauharnois.

Cartier
Cartierville
De Salaberry
Grand
St. Etienne-de-Beauharnois
St. Stanislas-de-Kostka

Berthier.

Askwahani
Eskwahani
Kapitachuan
Kapitajewan
Kapitashewinna
Mashamengoose
Matashi
Mejomanguse
Menjobaguse
Mitchinamekus

Bonaventure.

Baie des Chaleur
Caplan
Chaleur
Cross
Crosspoint
East
Goacha
Maguacha
Maguasha
Matapedia
Metapedia
Migoacha
Miguacha
Pointe-à-la-Garde
Port Daniel
Port Daniel East
Restigouche
Ristigouche
St. André-de-Restigouche
St. Chas.-de-Caplan
St. George Port Daniel West
West Port Daniel

Brome.

Call Mill
Glensutton
Drummondville Junction
Sutton Junction

Chambly.

Chambly
St. Lambert

Champlain.

Assiwanan
Atem
Atim
Chakwa
Chisaouataisi
Great Beaver
Hair Cutting
Kamitsgamak
Kapitswe
Kekeo
Kickendatch
Kikendatch
Kirkendatch
Mâle
Manuan
Mashamengoose
Mattawa
Mejomanguse
Mekinak
Menjobaguse
Mitchinamekus
Mondonak
Najan
Obiduan
Onkammis
Oskelaneo
Pasiminikana
Pitopiko
Proud-sitting
Ribbon
Ruban
Sackawatisi
St. Maurice
Sandy-beach
Sassawatisi
Travers
Wayagamak
Weymontachi
White Bear

Charlevoix.

Baie-St. Paul
Brandypot
Cap-à-l'Aigle
Comporté
Corneille
Coudres
Eagle
Goose
Jareux
Jean-Noël
Jureux
Le Heu
Malbaie
Malloux
Murray
Murray Bay
Noire
Oies
Persil
Pointe-au-Pic
Port-au-Persil
Port-au-Saumon
Pot-à-l'eau-de-vie
Rochers
Sain
St. Etienne
St. Fidèle
St. Iréné
St. Paul's Bay
St. Simeon
Salmon
Saumon

Chateauguay.

Allan Corners
Fèves
Rivière-des-Fèves
St. Urbain-de-Chateauguay

Chicoutimi.

Askitichi
Foamfall
Ha Ha
Kapititegoitch
Metabetchouan
Nikabau
Pipmakan
Pitmuakin

Compton.

Springhill
Ste. Edwidge
St. Francis
St. François

Drummond.

St. Francis
St. François
Wickham
Wickham West

Gaspe.

Anse-au-Vallon
Brion
Bryon
Byron
Cap Chat
Cap-de-Chate
Cape Chatte
Chlorydorme
Cloridorme
Cloridon
Cross
Despair
Espoir
Grande-Anse
L'Anse-à-Valleau
Macqucrean
Maquereau
Martin
Martre
Rivière-à-la-Martre
Ste. Anne-des-Monts

QUEBEC—*Continued.*

Hochelaga.

Back
Côte-des-Neiges-Ouest
Longue-Pointe
Nuns
Prairies
Rivière-des-Prairies
St. Helen
Ste. Hélène
St. Paul

Huntingdon.

Anderson Corners
Calvin Grove
Carr
Carr's Crossing
Clyde Corners
Coffey
Coffey's Corners
Cowan
Hinchinbrook
Kelvingrove
Maybank
O'Neil
O'Neill's Corners
Port Lewis
Port Louis
Ste. Agnès-de-Dundee
St. Regis
Starnesboro
Whites

Iberville.

Mount Johnson
St. Alexandre
Ste. Brigide
St. Gregoire

Jacques Cartier.

Allan
Back
Caron
Dowker
Lynch
Macdougall's
Marion
Marion
Orme
Prairies
Ste. Anne-de-Bellevue
Ste. Anne du bout de L'Ile
St. Genevieve
St. Laurent
St. Laurent, Montreal
Tortue
Valois
Valoisville

Joliette.

Askwahani
Eskwahani
Kapemitchigama
Kapitajewan
Kapitashewinna
Kapitachuan
Tunagamik

Kamouraska.

Caps
Diable
Dumais
Ferme
Fouquette
Goudron
Julien
Kamouraska
Moreau
Orignaux
Pélerins
Pilgrim
Pohenagamuk
St. André
St. Denis
St. Germain

Lake St. John

Ashuapmuchuan
Commissioners
File-axe
Mistassibi
Muskosibi
Ouasiemska
Peribonka
St. Maurice
Ticouabi
Tikonabi
Tikuape
Washimeska
Wassienska

Laval.

Back
Bélanger
Tétreauville
Parc-Laval
Prairies
Village Belanger

Lévis.

St. Henri
St. Henri Station

L'Islet.

Algernon
Roche à Veillons
St. Roch-des-Aulnaies
South

Lotbiniere.

Deschaillons
Eschaillons
Pointe-Platon
Langlais
Langlois
St. Antoine-de-Tilly
St. Antoine, Lotbinière
Ste. Emelie
Ste. Emilie
Ste. Emmélie
St. Jean Deschaillons

Maskinonge.

Kapitajewan
Kapitashewinna
Kapitachuan
Mashamangoose
Mejomanguse
Menjobaguse
Mitchinamekus
Nemikachi

Matane.

Causapscal
Cosupscoult
Great Metis
Matapedia
Metapedia
Metis
Mitis
Ste. Angèle-de-Rimouski
Taouagadec
Tawagadik
Tawagodi

Megantic.

Bécancour
Bigsby
Black
Clapham
Coldstream
Coleraine
Colraine
Ireland
Lake Megantic
Megantic
Robertson
Robertson Station
Sacré-Coeur-de-Marie
St. Antoine-de-Pontbriand
Thetford

Missisquoi.

Abbott Corners
Farnham Corners
Meig
Meigs Corners
Nutt
Nutt's Corners

Mistassini (District).

Abatagush
Albanel
Cabistachuan
Chabatok
Cooper
Kabistachuan
Kanotaikau
Kokomenhani
Little Mistassini
Marten
Miskittenau
Mistassini
Mistassinis
Mokwawastuk
Namiska
Nemiskau
Pinched-neck
Pontax
Pontiac
Poplar
Punichuan
Robert
Rupert
Tesaycau

QUEBEC—*Continued.*

Mistassini (District)—*Con.*

Tesekau
Wahwanichi
Wakinichi
Wakonichi

Montcalm.

Akos
Bear-grease
Bouchette
Kakashe
Kamachigama
Kapitachuan
Kapitajewan
Kapitashewinna
Namegos
Namegosis
Nemegos
Nemegosis
O'Sullivan
Shesheinquan
Shoshokwan
Tapani

Montmagny.

Lacaille

Montmorency.

Cap Brulé
Grand Lake Jacques Cartier
Jacques Cartier
Montée du Lac
Montée du Lac

Nicolet.

Moran
Moras
St. Pierre des Becquets
St. Pierre les Becquets
St. Pierre les Bequets

Ottawa.

Arcand
Arcans
Arosen
Aylmer
Cardinal's
Charlebois
Commandant
Deschênes
Deschênes Mills
Gatineau Point
Gens-de-terre
Grand Lac du Commissaires
Jean de Terre
Kazabazua
Kinonge
Kirk Ferry
McLaren
McLaurin
Montebello
Nation
Nomining
North Nation
Ottawa
Papineau
Petite Nation
Remic
Remous
Rousseau
Rousssin
Ste. Rosalie
St. Sixte
Salmon
Sincique
Sugarbush
Thirty-one-mile
Wabassi
Wilson Corners

Pontiac.

Abbika
Albee
Anwatan
Apika
Atikmahik
Bagwah
Barriere
Bass
Bear
Beaudry
Big
Big Obashing
Burnt Bay
Carcajou
Caron
Chief
Cremazie
Crooked
Darlens
Deepwater
Dufault
Dufay
Dufresnoy
Dumoine
Eagle
Eel
Expanse
Fish
Fisher
Gaotanaga
Gens-de-terre
Grand
Grand lake Victoria
Hébert
Islands
Jacob
Jean de Terre
Kahuch
Kajakanikamak
Kakabonga
Kakebonka
Kanikawinika
Kanimitti
Kapitachuan
Kapitajewan
Kapitashewinna
Kapitagama
Katonche
Kawasachuan
Kawastaguta
Keec
Kee-ec-kee-ec
Keepawa
Kekeko
Kewagama
Kewagodoongojioon
Kiekkiek
Kinojevis
Kipawa
Kokomis
Laberge
Lake of Islands
La Pause
Lapéche
Lily
Little Roger
Little Rogers
Lizard
Lonely
Long
Lorenzo
Maganasibi
Mann
Mishomis
Moosehorn
Namawash
Nawapitechin
Newagama
Nipmenanni
Obashing
Obaska
Obikoba
Obiska
Opasatika
Opequanne
Opequon
Opikwan
Osisko
Otanabi
Pelletier
Pontleroy
Quinze
Quio
Quyon
Rapides
Rest
Roger
Rogers
Routhier
Rouyn
Rush
St. Eugène-de-Guiges
Shesheinquann
Shoshokwan
Stewart
Sturgeon
Temiscaming
Temiscamingue
Temiskaming
Thomasine
Tiger
Timiskaming
Tomasine
Vaudray
Villemontel
Wabaskus
Wapusanan
Washeka
Waskega
Winawiash

Portneuf.

Dombourg
Donbour
Frechette
St. Basile-de-Portneuf

Quebec.

Kajoualwang
Najualand
Najwalwank
Ste. Foy

QUEBEC—*Continued.*

Richmond.

St. Francis
St. François

Rimouski.

Arignole
Mistigouche
Mistigoueéche
Mistikus
Orignal

Rouville.

Ange Gardien de Rouville
Barbue
Barbue de St. Césaire
Canrobert
Huron
L'Ange Gardien
Marieville
Papineau d'Abbotsford
Richelieu
St. Michel-de-Rougemont
Village Richelieu

Saguenay.

Alouettes
Bason
Bersimis
Betsiamits
Bouleau
Chaloupe
Choniaban
Englishman's
Eskimo
Esquimaux
Fall
Godbout
Goodbout
Ichimanicuagan
Ile aux Morts
Ishimanikuagan
Jupiter
Jupiter
Lark
Lark
Little Mecattina
Little Natashquan
Manicuagan
Manicouagan
Manikuagan
Marguerite
Martimoki
Mecatina
Mekattina
Mille-Vaches
Moisie
Monts
Mooshaulagan
Mouchalagan
Mushalagan
Muskwaro
Nabesipi
Nabesippi
Nabisipi
Napetipi
Natashkwan
Natashquan
Observation
Olomanoshibo
Pashashibu
Peashteebee
Pentecôte
Pepechekau
Piashti
Piastre
Pikapao
Pikopao
Pipishikan
Pointe-des-Monts
Quetachu
Romaine
St. Augustin
St. Augustine
Ste. Marguerite
Ste. Marguerite
Sassaganaga
Sault-au-Cochon
Saut de Cochon
Saut de Mouton
Saurbill
Sept Iles
Seven Islands
Shallop
Shecatica
Shekatika
Sheldrake
Sholiaban
Souriban
Sourilaban
Southwest
Tadoussac
Todnustook
Toolnustook
Tortue
Tulnustuk
Waputstagamu
Washikuti
Washsheecootai
Watcheeshoo
Watsheeshoo
Watshishu

St. Hyacinthe.

St. Barnabé, R. Yamaska
St. Joseph-de-St. Hyacinthe

St. Johns.

Belle-Vallée
Fort Lennox
Ile-aux-Noix
Noix
St. Bernard-Sud
St. Valentin

St. Maurice.

Goldfinch
Kawaskisigat
Kempt
Mashamengoose
Mejomanguse
Menjobaguse
Mitchinamekus
Pakonsigane
Pieromonta
St. Maurice
Shawenegan
Wabaskoutyunk
Wagwabeya
Wagwabika

Shefford.

Grandboro
Milton
Milton East
Rochelle
Roxton East
St. Alphonse-de-Granby
Ste. Anne-de-Stukely
Ste. Cecile-de-Milton
St. Joachim-de-Shefford
Savage

Sherbrooke.

Ascot
Little Magog
Magog
St. Francis
St. François
Sherbrooke

Soulanges.

Baudet
Beaudet
Bodet
Bouleau
Cedars
Chateauguay
Dadancourt
Dalhousie Mills
Dalhousie Station
D'Alogmy
De Beaujeu
Giroux
Grande Batture
Grande Ile aux Erables
Joubert
Lalonde
Leonard
Maple
Petite Ile aux Cygnes
River Beaudette
Round
Sévigny
Soulanges
Thorn

Stanstead.

Baldwin's pond
Barnston pond
Little Magog
Magog
Lyster

Temiscouata.

Barrett
Cacouna
Coudres
Demers
Fraserville
Frazerville
Hare
Lièvres
Loup
Marmen
Notre-Dame-du-Portage
Rivière-du-Loup
Roche-Percée

QUEBEC—*Continued.*

Terrebonne.

Rouge
Ste. Thérèse-de-Blainville

Two Mountains.

Chicot
La Chapelle
Petit Chicot
St. Columban
Ste. Monique
Ste. Monique des Deux Montagnes

Ungava (District).

Abloviak
Akpatok
Akpatok
Akwatuk
Alukpaluk
Aquatuk
Aukpatuk
Beacon
Bennett
Big
Big Rock
Bishop Roggan
Bowdoin
Burgoyne
Burwell
Button
Cairn
Cape of Hopes Advance
Charles
Chidley
Chimo
Chudleigh
Comb
Deception
Diana
Doctor
Douglas
Dyke
Eastmain
Eider
Fisher
Fort Chimo
Fosters
George
Goose
Gray
Great Bishop Roggan
Grey Goose
Gyrfalcon
High Fall
Hopes Advance
Hudson
Inukshiligaluk
Inukshuktuyuk
Ittimenoktok
Jacob
Joy
Junnusuksoak
Kangerthialuksoak
Kaniapiskau
Kattaktok
Katukok
Keglo
Kenogamissee
Kernertut
King George
Koksoak
Kyak
Labrador reef
Larch
Leaf
Little Charlton
McLean
McLean
McLelan
Maiden
Manitounuk
Mansel
Mansfield
Moses Oates
Nauyats
Nedluk
Nepihjee
Neptune Head
North
Old Factory
Omanek
Opinaca
Opinaka
Pauktorvik
Payne
Petatstekupau
Petishikupau
Petitsikapau
Petshikupau
Plover
Prince Henry Foreland
Prince of Wales
Richmond
Roggan
Seal
Shedlui
Solomons Temples
South
Stimukoktok
Straight
Stupart
Tasurak
The Wart
Tisiriuk
Trodely
Tunnussaksuk
Tuttle
Tuvalik
Uibraksoak
Uinaksoak
Wakeham
Wales
Wauguash
Weggs
Whale
Whitley
Wiachuan
William Smith
Wood

Vaudreuil.

Brucy's
Brussy
Dorion
Graham
Graisse
Green Valley
Ile Perrot
Lavigne
Point Fortune
Raquette
Rigaud
Vaudreuil
Verte-Vallée

Wolfe.

Aylmer
Bisby
Belmina
Breeches
Colombe
Coulombe
Garthby
Garthby Station
St. Francis
St. François
Stratford
Ward
Wolfestown

Yamaska.

St. Francis
St. François

SASKATCHEWAN.

Acheninni
Aiktow
Alcott
Anerley
Antler
Arm
Armit
Armitt
Aroma
Ashe
Attitti
Ballantyne
Barrel
Basin
Basquia
Battle
Battleford
Bear
Bear Lake (river)
Beaver
Beaver
Bergheim
Big Cutarm
Big Quill
Big Sturgeon
Birchbark
Björk
Blackfeet
Blaine
Bonald
Bowtree
Brightsand
Bronson
Buffalo Pound
Buffer
Bull's Forehead
Cabri
Cactus

SASKATCHEWAN—*Continued.*

Calder
Candle
Caribou
Carrot
Chapleau
Chaplin
Chitek
Churchill
Clearwater
Clearwater
Cold
Cole
Copeau
Cosine
Coteau
Cottonwood
Cowan
Crayfish
Crean
Crooked
Crooked
Cross
Cumberland
Cutarm
Cutknife
Cypress
Deschambault
Dirtywater
Doctor
Duck
Duck
Duck Lake
Eagle
Eagle
Eaglehill
Ear
Ecapo
Eins
Ekapo
Englishman
Etoimami
Etomami
Eyebrow
Eyehill
Farrier
Fife
File
Fir
Fish
Fishing
Foam
Forks
Frenchman
Frobisher
Gainsborough
Garden
Gap
Garson
Goose
Goosehunting
Gordon
Graham
Grassberry
Grassy
Great Bear Sand (hills)
Hanging Hide
Heron
Highpound
Highview
Hillfarm
Horsehead
Houghton
Houghton
Humboldt
Indian Pear
Iriquois
Iskwatikan
Island
Jackson
Jansen
Johnston
Jumping
Jumping Deer
Kakinagimak
Kakinokumak
Kamatsi
Kaposvar
Keg
Killsquaw
Kiyiu
Kutawagan
Kyaska
Lacolle
Ladder
La Loche
Lavallée
Lawrence
La Ronge
Leather
Lenore
Little Candle
Little Cutarm
Little Fishing
Little Island (lake)
Little Pelican
Little Quill
Little Red
Lobster
Lodge
Long
Long
Loon
Lowes
Macleod
McFarlane
McMurray
Madge
Makwa
Manawan
Manito
Many Island (lake)
Maple
Maple
Maskwa
Meadow
Medicine Lodge
Meeting
Melfort
Merion
Methye
Midnight
Mineronte
Minnedosa
Ministikwan
Mirond
Missinnippi
Montague
Montreal
Moose
Moose
Moosejaw
Morin
Mudie
Mudjatik
Mukoman
Murray
Muskiki
Muskwesi
Namew
Neale
Negik
Nemei
Nemeiben
North Antler
Notukeu
Nut
Old Wives
Okemasis
Opachuanau
Opuntia
Pachewanow
Paddling
Pagato
Paquin
Pasquia
Patience
Payoonan
Pebble
Peck
Pelican
Peonan
Pheasant
Piapot
Pine Island (lake)
Pink
Pinto
Pita
Ponass
Porcupine
Potato
Presbyterian
Primeau
Primrose
Qu'Appelle
Quill
Rapid river
Rapid River (lake)
Rat
Redberry
Red Deer
Red Deer
Red Deer lakes
Reindeer
Rivers
Roche Percée
Root
Round
Saskeram
Scentgrass
Seagram
Seepanock
Shaver
Shell
Shellbrook
Silver
Sipanok
Sisipuk
Souris
South Antler
Spruce
Stockwell
Stone
Stony
Sturgeon
Sturgeon-weir
Sucker
Suggi
Taggart
The Coteau
Thickwood
Thunder
Torch

SASKATCHEWAN—*Continued.*

Touchwood
Trade
Tramping
Trout
Valleyview
Vermilion
Voisin
Wakaw
Wapawekka
Wapoos
Wapus
Wasawakasik
Wascana
Waskana
Waskesiu
Weed
Whitebear
Whitefish
Whitefox
White Mud
Whitesand
Whiteshore
Whitewood
Willowbunch
Wintego
Witchekan
Wiwa
Wrench
Wood
Wood Mt. (river)
Woody

YUKON.

Adams
Aishihik
Alki
Allgold
Alligator
Alma
Alsek
Anderson
Annie
Anticline
Arkansas
Arkell
Atlin
Australia
Bach
Baker
Bald
Bear
Beaton
Becker
Bedrock
Bell
Benson
Berney
Big Salmon
Bird
Bisel
Blackfox
Blanchard
Bonanza
Boswell
Boulder
Boundary
Braeburn
Brantnober
Brewer
Browns
Bryant
Bunker
Burnham
Burns
Burton
Bush
Calder
Calf
Campbell
Canyon
Carbon
Carcross
Caribou
Caribou
Caribou Crossing
Carmack
Cassiar
Cave
Chandindu
Chieftain
Christie
Clear
Clinton
Clondyke
Coal
Cone
Conrad
Cooper
Corwin
Crater
Crooked
Cudahy
Dail
Dalton
Daoust
Davidson
Davis
Dawson
Dawson City
Deadwood
Dewdney
Dezadeash
Dickson
Dion
Disella
Division
Dognose
Dollis
Domo
Dominion
Donjek
Duckie
Dundalk
Eagle Nest
Earn
Edith
Eldorado
Emil
Ensley
Ethel
Eureka
Fairfield
Fay
Fenwick
Field
Finger
Finlayson
Five-finger
Flat
Florence
Follé
Fort Selkirk
Fortynine
Frances
Frederick
Fresno
Friday
Galena
Garnet
Gilliam
Glacier
Gladman
Glenlyon
Gnat
Gold
Goldbottom
Golden
Golden Horn
Gold-run
Granger
Granite
Gray
Green
Grizzly
Gull
Gustavus
Haeckel
Haggart
Haldane
Hall
Hancock
Harper
Harris
Hart
Healy
Henderson
Hendon
Henrietta
Hess
Hester
Hinton
Hodnett
Hoole
Hootalinqua
Hopkins
Horton
Hunker
Hutshi
Hutshiku
Illes
Independence
Indian
Ingram
Itsi
Janet
Jensen
Jim
Joel
John
Johnston
Joy
Jubilee
Kalzas
Kaskawulsh
Katrina
Keele
Ketza
Kitza
Klatsa
Klokhok

YUKON—*Continued.*

Klondike
Klotassin
Klotz
Kluane
Kluhini
Klukshu
Klusha
Koidern
Kusawa
Kusiwah
Kwichpak
Laberge
Ladue
Lake
Lansdowne
Lansing
Lapie
Last-chance
Laura
Laurier
Lebarge
Leotta
Lewes
Lewis
Lewis
Liard
Little Atlin
Little Blanche
Little-gem
Little Salmon
Logan
Lombard
Lorne
Lubbock
Lucky
Macmillan
M'Clintock
McConnell
McEvoy
McNeil
McPherson
McQuesten
Maloney
Marsh
Mary
Matheson
Maunoir
Mayo
Meadow
Mendenhall
Michaud
Michie
Miles
Miller
Milton
Miners
Minnie Bell
Mint
Mistake
Monson
Montana
Moose
Moosehide
Morley
Morrison
Mosquito
Mountain
Nahoni
Nares
Narchilla
Needle
Nello
Nevin
New Zealand
Nipple
Nisling
Nisutlin
Nogold
Nordenskiöld
North
O'Brien
O'Connor
Ogilvie
Oldman
Oldwoman
Ophir
Orchay
Ortell
Osgood
Ottawa
Parker
Partridge
Pelly
Perkins
Perthers
Perthes
Peterson
Pitts
Poker
Porcupine
Porter
Povoas
Prejevalsky
Prevost
Ptarmigan
Pugh
Pyramid
Quartz
Quebec
Quiet
Quinn
Rawlinson
Reid
Reindeer
Remington
Richthofen
Riddell
Rink
River (mtn.)
Rob Roy
Rogue
Rose
Rosebud
Ross
Ruby
Saint-Cyr
St. Hilary
Satasha
Sayia
Sayyea
Schnabel
Schwatka
Scroggie
Sekulmun
Selkirk
Selous
Selwyn
Semenof
Shakwak
Sheep
Sheldon
Sifton
Simmons
Simpson
Simpson Tower
Sixty
Sixtymile
Slate
Small Duck
Soda
Stake
Star
Starr
Stevens
Stewart
Stony
Stutzer
Sulphur
Sunday
Surprise
Swede
Tagish
Tahte
Takhini
Taku
Taltmain
Tantalus
Tasin
Tatchun
Tatonduk
Tatshenshini
Tay
Taye
Terrace
Teslin
The Three Guardsmen
Thistle
Thomas
Thompson
Thron-diuck
Til-e-i-tsho
Tillei
Tintina
Tlet-tlan-a-tsoots
Too-flat
Too-much-gold
Too-tlas
Tower
Traffic
Tummel
Tustles
Tyers
Unahini
Vancouver
Vesuvius
Von Wilczek
Vowle
Walker
Ward
Watson
Wellesley
Wesketahin
Wheaton
White
Whitehorse
Whitestone
Wilson
Windy
Wolf
Woodside
Yukon

SESSIONAL PAPER No. 21a

NORTHWEST TERRITORIES (Unorganized)

A. H. Ward
Akuling
Allen
Anderson
Archibald
Ark-e-leenik
Arthur Land
Ashe
Ava
Axel Heiberg
Backs
Back's Western
Baffin
Banks
Baring
Bathurst
Bear
Beaumont
Bedford
Beekman
Best
Bishop
Blanford
Blunt
Bonney
Bosanquet
Brevoort
Bruce
Butler
Carys Swan Nest
Cathawhachaga
Chamberlain
Chase
Chorkbak
Christie
Chudliasi
Church
Clark
Clements Land
Clinton-Colden
Cockburn
Colmer
Cornwall
Cornwallis
Countess Warwick
Crete
Crooks
Cumberland
Cyrus Field
Dahadinni
Delthore
Devon
Diamond
Doobaunt
Dubawnt
Dyer
Earl Grey
East
Edith
Eduni
Egypt
Ehkwee
Ekwi
Ellesmere
Emma
Fair Ness
Findlay
Finlay
Fisher
Fletcher
Fox
Fox
Foxe
Frank Clark
Frobisher
Gabriel
Glasgow
Glencoe
God's Mercie
Gods Mercy
Gordon
Govan
Grant Land
Gravel
Great Bear
Great Fish
Greenwood Land
Griffin
Grinnell
Grinnell Land
Hall
Harbour
Hatton
Haven
Hector
Henderson
High
Hogarth
Home
Icy
Inlin
Innarulligang
Irving
Jackman
James
Jessup Land
Jordan
Jubilee
Julian
Ka-lik-took-duag
Kangerflung
Kathawachaga
Keele
Khartum
King Christian
King Oscar Land
King William
Kitigtung
Klewi
Kneeland
Korikduardu
Lady Franklin
Laurier
Liard
Lockhart
Leopold
Loks Land
Lower Savage
Lubbock
Luke Fox
Lumley
Macdonald
Markham
Middle Savage
Montrose
Monumental
Mountain
Murchison
Murray
Nainlin
Natla
Newell
Newton
Nidhe
Noel
North
North Cornwall
North Devon
North Foreland
North Lincoln
North Somerset
Northumberland
Nyarling
Olga
Overflow
Penny
Pethinue
Prince Albert peninsula
Prince Albert Land
Prince of Wales
Prince of Wales
Prince Patrick
Pritzler
Queen Elizabeth
Ramsay
Rawson
Reeves
Resolution
Resolution
Ringnes
Robert
Robinson
Roes Welcome
Ross
Rowes
Saddleback
Sass
Sass-tessi
Savage
Sayunei
Schley Land
Sekwi
Setidgi
Shezal
Siggia
Sitidgi
Somerset
Spicer
Strathcona
Sylvia Grinnell
Tchork-back
Tess-Clewee
Thelew
Thelon
Thlcweechodezeth
Toohoolitas
Tornait
Tsichu
Tudjakdjuun
Tudjakdjudusirn
Tuhulitas
Twitya
Upper Savage
Victoria
Waddell
Ward
Warwick
Westbourne
Western
West Fox
Wharton
White
White Bear
Wholdia
Wollaston
Wollaston Land
York

COUNTIES IN CANADA.

New Brunswick.

Albert
Carleton
Charlotte
Gloucester
Kent
Kings
Madawaska
Northumberland
Queens
Restigouche
St. John
Sunbury
Victoria
Westmorland
York

Nova Scotia.

Annapolis
Antigonish
Cape Breton
Colchester
Cumberland
Digby
Guysborough
Halifax
Hants
Inverness
Kings
Lunenburg
Pictou
Queens
Richmond
Shelburne
Victoria
Yarmouth

Ontario.

Addington
Algoma (district)
Brant
Bruce
Carleton
Dufferin
Dundas
Durham
Elgin
Essex
Frontenac
Glengarry
Grenville
Grey
Haldimand
Haliburton
Halton
Hastings
Huron
Kenora (district)
Kent
Lambton
Lanark
Leeds
Lennox
Lincoln
Manitoulin (district)
Middlesex
Muskoka (district)
Nipissing (district)
Norfolk
Northumberland
Ontario
Oxford
Parry Sound (district)
Peel
Perth
Peterborough
Prescott
Prince Edward
Rainy River (district)
Renfrew
Russell
Simcoe
Stormont
Sudbury (district)
Thunder Bay (district)
Timiskaming (district)
Victoria
Waterloo
Welland
Wellington
Wentworth
York

Prince Edward Island.

Kings
Prince
Queens

Quebec.

Abitibi (district)
Argenteuil
Arthabaska
Ashuanipi (district)
Bagot
Beauharnois
Beauce
Bellechasse
Berthier
Bonaventure
Brome
Chambly
Champlain
Charlevoix
Chateauguay
Chicoutimi
Compton
Dorchester
Drummond
Gaspé
Hochelaga
Huntingdon
Iberville
Jacques Cartier
Joliette
Kamouraska
Lake St. John
Laprairie
L'Assomption
Laval
Lévis
L'Islet
Lotbinière
Matane
Maskinongé
Megantic
Missisquoi
Mistassini (district)
Montcalm
Montmagny
Montmorency
Napierville
Nicolet
Ottawa
Pontiac
Portneuf
Quebec
Richelieu
Richmond
Rimouski
Rouville
Saguenay
Shefford
Sherbrooke
Soulanges
Stanstead
St. Hyacinthe
St. Johns
St. Maurice
Temiscouata
Terrebonne
Two Mountains
Vaudreuil
Verchères
Wolfe
Yamaska

TOWNSHIPS IN ONTARIO.

Township.	County or District.
Aberdeen	Algoma.
Abinger	Addington.
Adams	Timiskaming.
Adelaide	Middlesex.
Adjala	Simcoe.
Admaston	Renfrew.
Adolphustown	Lennox.
Airy	Nipissing.
Afton	Sudbury.
Albemarle	Bruce.
Albert	Algoma.
Albion	Peel.
Aldborough	Elgin.
Alexandra	Timiskaming.
Alfred	Prescott.
Algoma, North	Renfrew.
Algoma, South	Renfrew.
Alice	Renfrew.
Allan	Manitoulin.
Allen	Sudbury.
Alma	Timiskaming.
Alnwick	Northumberland.
Amabel	Bruce.
Amaranth	Dufferin.
Ameliasburgh	Prince Edward
Ames	Thunder Bay.
Amherst Island	Lennox.
Amyot	Sudbury.
Ancaster	Wentworth.
Anderdon	Essex.
Anderson	Algoma.
Anglesea	Addington.
Anglin	Nipissing.
Anson	Haliburton.
Anstruther	Peterborough.
Antoine	Nipissing.
Appleby	Sudbury.
Arcadia	"
Archibald	Algoma.
Argyle	Timiskaming.
Armagh	Sudbury.
Armour	Parry Sound.
Armstrong	Timiskaming.
Arnold	"
Arran	Bruce.
Artemesia	Grey.
Arthur	Wellington.
Ashby	Addington.
Ashfield	Huron.
Askin	Nipissing.
Asphodel	Peterborough.
Asquith	Sudbury.
Assiginack	Manitoulin.
Aston	Nipissing.
Athol	Prince Edward.
Atwood	Rainy River.
Aubin	Timiskaming.
Aubrey	Kenora.
Auden	Algoma
Augusta	Grenville.
Auld	Timiskaming.
Aurora	"

Township.	County or District.
Awenge	Algoma.
Aweres	"
Awrey	Sudbury.
Aylmer	"
Aylsworth	Rainy River.
Baden	Timiskaming.
Badgerow	Nipissing.
Bagot	Renfrew.
Bain	Thunder Bay.
Baldwin	Sudbury.
Balfour	"
Ballantyne	Nipissing.
Bangor	Hastings.
Banks	Timiskaming.
Bannerman	Algoma.
Bannockburn	Timiskaming.
Barber	"
Barker	Algoma.
Barlow	Thunder Bay.
Barnet	Timiskaming.
Barr	"
Barrie	Frontenac.
Barrie Island	Manitoulin
Barron	Nipissing.
Bartlett	Timiskaming.
Barton	Wentworth.
Barwick	Rainy River.
Bastard	Leeds.
Bastedo	Nipissing.
Bathurst	Lanark.
Baxter	Muskoka.
Bayham	Elgin.
Bayly	Timiskaming.
Beardmore	"
Beaucage	Nipissing.
Beauchamp	Timiskaming.
Beatty	"
Beaumont	Sudbury.
Beck	Timiskaming.
Beckwith	Lanark.
Bedford	Frontenac.
Beemer	Sudbury.
Belfast	Nipissing.
Bell	Thunder Bay.
Belmont	Peterborough.
Bennett	Rainy River.
Ben Nevis	Timiskaming.
Benneweiss	Sudbury.
Benoit	Timiskaming.
Bentinck	Grey.
Beresford	Sudbury.
Bernhardt	Timiskaming.
Berry	Nipissing.
Bertie	Welland.
Bertram	Nipissing.
Bethune	Parry Sound.
Beulah	Sudbury.
Beverly	Wentworth.
Bexely	Victoria.
Bicknell	Algoma.
Biddulph	Middlesex.
Bidwell	Manitoulin
Bigelow	Sudbury.

TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Biggar	Nipissing.
Bigwood	Sudbury.
Billings	Manitoulin.
Binbrook	Wentworth.
Bishop	Nipissing.
Bisley	Timiskaming.
Black	"
Blackstock	Nipissing.
Blain	Timiskaming.
Blair	Parry Sound.
Blake	Thunder Bay.
Blandford	Oxford.
Blanchard	Perth.
Blenheim	Oxford.
Blewett	Sudbury
Blezard	"
Blount	Timiskaming.
Blue	Rainy River.
Blyth	Nipissing.
Blithfield	Renfrew.
Bompas	Timiskaming.
Bond	"
Bonfield	Nipissing.
Bonis	Timiskaming.
Booth	Thunder Bay.
Borden	Sudbury.
Bosanquet	Lambton.
Boston	Timiskaming.
Boulter	Nipissing.
Bowell	Sudbury.
Bower	Nipissing.
Bowman	Timiskaming.
Bowyer	"
Boyce	Algoma.
Boyd	Nipissing.
Bradburn	Timiskaming.
Brant	Bruce.
Brantford	Brant.
Brethour	Timiskaming.
Brewster	"
Bridgland	Algoma.
Bright	"
Brighton	Northumberland.
Briggs	Nipissing.
Brigstocke	Timiskaming.
Bristol	"
Britton	Kenora
Brock	Ontario.
Broder	Sudbury.
Bromley	Renfrew.
Bronson	Nipissing.
Brooke	Lambton.
Broughan	Renfrew.
Brower	Timiskaming.
Brown	Parry Sound.
Browning	Sudbury.
Bruce	Bruce
Brudenell	Renfrew.
Brunel	Muskoka.
Brunet	Sudbury.
Brunswick	"
Bruton	Haliburton.
Bryce	Timiskaming.
Buchanan	Renfrew.
Bucke	Timiskaming.
Burford	Brant.
Burgess, North	Lanark.
Burgess, South	Leeds.
Burk	Kenora.
Burleigh	Peterborough.
Burns	Renfrew.
Burpee	Parry Sound.
Burpee	Manitoulin.
Burrell	Algoma.
Burriss	Rainy River.
Burritt	Sudbury.
Burrows	"
Burt	Timiskaming.
Burton	Parry Sound.
Burwash	Sudbury.
Butt	Nipissing.
Byers	Timiskaming.
Byron	Thunder Bay.
Cabot	Sudbury.
Cairo	Timiskaming.
Caistor	Lincoln.
Calder	Timiskaming.
Caldwell	Nipissing.
Caledon	Peel.
Caledonia	Prescott.
Calvert	Nipissing.
Calvin	"
Cambridge	Russell.
Camden	Kent.
Camden East	Addington.
Cameron	Nipissing.
Campbell	Manitoulin.
Canborough	Haldimand.
Cane	Timiskaming.
Canisbay	Nipissing.
Canonto, North	Frontenac.
Canonto, South	"
Canton	Nipissing.
Capreol	Sudbury.
Caradoc	Middlesex.
Carden	Victoria.
Cardiff	Haliburton.
Cardwell	Muskoka.
Carling	Parry Sound.
Carlow	Hastings.
Carlyle	Manitoulin.
Carman	Timiskaming.
Carnarvon	Manitoulin.
Carnegie	Timiskaming.
Carney	Algoma.
Carpenter	Rainy River.
Carr	Timiskaming.
Carrick	Bruce.
Carscallen	Timiskaming.
Carter	Sudbury.
Cartier	"
Cartwright	Durham.
Cascaden	Sudbury.
Casey	Timiskaming.
Casgrain	Algoma.
Cashel	Hastings.
Casimir	Sudbury.
Cassels	Nipissing.
Catharine	Timiskaming.
Cavan	Durham.
Cavendish	Peterborough.
Cayuga, North	Haldimand.
Cayuga, South	"

SESSIONAL PAPER No. 21a

TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Chaffey	Muskoka.
Chamberlain	Timiskaming.
Chambers	Nipissing.
Champagne	Sudbury.
Chandos	Peterborough.
Chapleau	Sudbury
Chapman	Parry Sound.
Charlottenburg	Glengarry.
Charlotteville	Norfolk.
Charlton	Nipissing.
Charters	Timiskaming.
Chatham	Kent.
Cherriman	Sudbury.
Chesley	Algoma.
Chenier	Sudbury.
Chewett	"
Childerhose	Timiskaming.
Chinguacousy	Peel.
Chipman	Thunder Bay.
Chisholm	Nipissing.
Chown	Timiskaming.
Christie	Parry Sound.
Churchill	Sudbury.
Clancy	Nipissing.
Clara	Renfrew.
Clarence	Russell.
Clarendon	Frontenac.
Clarke	Durham.
Clary	Sudbury.
Clavet	Algoma.
Cleaver	Timiskaming.
Cleland	Sudbury.
Clement	"
Clergue	Timiskaming
Clifford	"
Clinton	Lincoln.
Clute	Timiskaming
Clyde	Haliburton.
Cobden	Algoma.
Cochrane	Sudbury.
Cockburn Island	Manitoulin.
Cody	Timiskaming.
Colborne	Huron.
Colchester, North	Essex.
Colchester, South	"
Cole	Timiskaming.
Coleman	"
Collingwood	Grey.
Collins	Sudbury.
Colquhoun	Timiskaming.
Commanda	Nipissing.
Conger	Parry Sound.
Conmee	Thunder Bay.
Connaught	Sudbury.
Cook	Timiskaming.
Corkill	"
Corley	"
Cornwall	Stormont.
Cosby	Sudbury.
Coté	Timiskaming.
Cotton	Sudbury.
Coulson	Timiskaming
Cox	Sudbury.
Craig	"
Cramahe	Northumberland.
Crawford	Timiskaming.
Creelman	Sudbury.
Creighton	"
Crerar	Nipissing.
Croft	Parry Sound.
Crooks	Thunder Bay.
Crosby, North	Leeds.
Crosby, South	"
Crothers	Sudbury.
Crowland	Welland.
Crozier	Rainy River.
Culross	Bruce.
Cumberland	Russell.
Curran	Rainy River.
Currie	Timiskaming.
Curtis	Algoma.
Dack	Timiskaming.
Dalhousie	Lanark.
Dalton	Victoria.
Dana	Nipissing.
Dance	Rainy River.
Dane	Timiskaming.
D'Arcy	Sudbury.
Dargavel	Timiskaming.
Darling	Lanark.
Darlington	Durham.
Davidson	Timiskaming.
Davis	Sudbury.
Dawn	Lambton.
Dawson	Manitoulin.
Day	Algoma.
Deacon	Nipissing.
Delamere	Sudbury.
Delaware	Middlesex.
Delhi	Sudbury.
Deloro	Timiskaming.
De Morest	Sudbury.
Denbigh	Addington.
Denison	Sudbury.
Dennis	Algoma.
Denton	Timiskaming.
Derby	Grey.
Dereham	Oxford.
Deroche	Algoma.
Devine	Nipissing.
Devitt	Algoma.
Devlin	Rainy River.
Dewart	"
Dickens	Nipissing.
Dickson	"
Digby	Victoria.
Dilke	Rainy River.
Dill	Sudbury.
Dobie	Rainy River.
Dokis	Timiskaming.
Donovan	"
Doon	"
Dorchester, North	Middlesex.
Dorchester, South	Elgin.
Dorion	Thunder Bay.
Douglas	Timiskaming
Douro	Peterborough.
Dover, East	Kent.
Dover, West	"
Dowling	Sudbury.
Downie	Perth.
Doyle	Timiskaming.
Draper	Muskoka.
Drayton	Sudbury.

TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Drummond	Lanark.
Drury	Sudbury.
Dryden	"
Dudley	Haliburton.
Duff	Timiskaming.
Dufferin	"
Dumfries, North	Waterloo.
Dumfries, South	Brant.
Dummer	Peterborough.
Dunbar	Sudbury.
Duncan	Algoma.
Dundee	Sudbury.
Dundonald	Timiskaming.
Dungannon	Hastings.
Dunlop	Sudbury.
Dunmore	Timiskaming.
Dunn	Haldimand.
Dunnet	Sudbury.
Dunwich	Elgin.
Dymond	Timiskaming.
Dysart	Haliburton.
Easthope, North	Perth.
Easthope, South	"
Eastnor	Bruce.
Eby	Timiskaming.
Eddy	Nipissing.
Edgar	"
Edwards	Timiskaming.
Edwardsburgh	Grenville.
Effingham	Addington.
Egan	Timiskaming.
Egremont	Grey.
Eilber	Algoma.
Ekfrid	Middlesex.
Elderslie	Bruce.
Eldon	Victoria.
Eldorado	Timiskaming.
Elizabethtown	Leeds.
Ellice	Perth.
Elliott	Timiskaming.
Ellis	Sudbury.
Elma	Perth.
Elmsley, North	Lanark.
Elmsley, South	Leeds.
Elzevir	Hastings.
Emerald	Sudbury.
Emily	Victoria.
English	Sudbury.
Ennisikillen	Lambton.
Ennismore	Peterborough.
Eramosa	Wellington.
Erin	"
Ermatinger	Sudbury.
Ernestown	Lennox.
Escott	Leeds.
Esquesing	Halton.
Essa	Simcoe.
Esten	Algoma.
Etobicoke	York.
Eton	Kenora.
Euphemia	Lambton.
Euphrasia	Grey.
Evanturel	Timiskaming.
Evelyn	"
Eyre	Haliburton.
Fairbairn	Sudbury.
Fairbank	"
Falconbridge	"
Falconer	Nipissing.
Fallon	Timiskaming.
Faraday	Hastings.
Farr	Timiskaming.
Farrington	Rainy River.
Fasken	Timiskaming.
Fauquier	"
Fawcett	Sudbury.
Fell	Nipissing.
Fenelon	Victoria.
Fenwick	Algoma.
Ferguson	Parry Sound.
Fernow	Thunder Bay.
Ferrie	Parry Sound.
Ferris	Nipissing.
Field	"
Finch	Stormont.
Findlay	Timiskaming.
Finlayson	Nipissing.
Fintry	Algoma.
Firstbrook	Timiskaming.
Fisher	Algoma.
Fitzgerald	Nipissing.
Fitzroy	Carleton.
Flamborough, East	Wentworth.
Flamborough, West	"
Flavelle	Timiskaming.
Fleck	Algoma.
Fleming	Rainy River.
Flos	Simcoe.
Foley	Parry Sound.
Foster	Sudbury.
Fournier	Timiskaming.
Fox	Nipissing.
Foy	Sudbury.
Fraleck	"
Fraleigh	Thunder Bay.
Franklin	Muskoka.
Franz	Algoma.
Fraser	Renfrew.
Frechette	Sudbury.
Fredericksburgh, North	Lennox.
Fredericksburgh, South	"
Freeman	Muskoka.
French	Nipissing.
Freswick	"
Fripp	Timiskaming.
Fullarton	Perth.
Fushimi	Algoma.
Gainsborough	Lincoln.
Galbraith	Algoma.
Gallagher	Sudbury.
Galna	Timiskaming.
Galway	Peterborough.
Gamble	Timiskaming.
Gamey	Sudbury.
Garafraxa, East	Dufferin.
Garafraxa, West	Wellington.
Garrow	Nipissing.
Garson	Sudbury.
Garvey	"
Gaudette	Algoma.
Gauthier	Timiskaming
Geary	"
Geikie	"
Georgina	York.
German	Timiskaming
Gibbons	Nipissing.
Gibson	Muskoka.

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TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Gill	Algoma.
Gillies	Thunder Bay.
Gillmor	Algoma.
Glackmeyer	Timiskaming.
Gladman	Nipissing.
Gladstone	Algoma.
Glamorgan	Haliburton.
Glanford	Wentworth.
Glenelg	Grey.
Gloucester	Carleton.
Goderich	Huron.
Godfrey	Timiskaming.
Gooderham	Nipissing.
Goodwin	Thunder Bay.
Gordon	Manitoulin.
Gorham	Thunder Bay.
Goschen	Sudbury.
Gosfield, North	Essex.
Gosfield, South	"
Gough	Sudbury.
Gouin	"
Goulbourn	Carleton.
Gould	Algoma.
Gowan	Timiskaming.
Gower, North	Carleton.
Gower, South	Grenville.
Graham	Sudbury.
Grant	Nipissing.
Grantham	Lincoln.
Grasett	Algoma.
Grattan	Renfrew.
Greenock	Bruce.
Grenfell	Timiskaming.
Grey	Huron.
Griffith	Renfrew.
Grigg	Sudbury.
Grimsby, North	Lincoln.
Grimsby, South	"
Grimsthorpe	Hastings.
Gross	Timiskaming.
Groves	Sudbury.
Guelph	Wellington.
Guibord	Timiskaming.
Guilford	Haliburton.
Gurd	Parry Sound.
Gurney	Timiskaming.
Guthrie	Nipissing.
Gwillimbury, North	York.
Gwillimbury, East	"
Gwillimbury, West	Simcoe.
Haddo	Sudbury.
Haentschel	"
Hagar	"
Hagarty	Renfrew.
Hagerman	Parry Sound.
Haggart	Timiskaming.
Haldimand	Northumberland.
Halkirk	Rainy River.
Hallam	Sudbury.
Halliday	"
Hallowell	Prince Edward.
Hamilton	Northumberland.
Hammell	Nipissing.
Hanlon	Algoma.
Hanmer	Sudbury.
Hanna	Timiskaming.
Harburn	Haliburton.
Harcourt	"
Hardiman	Sudbury.
Hardy	Parry Sound.
Harley	Timiskaming.
Harris	"
Harrison	Parry Sound.
Harrow	Sudbury.
Hart	"
Hartman	Kenora.
Harty	Sudbury.
Harvey	Peterborough.
Harwich	Kent.
Hassard	Sudbury.
Haughton	Algoma.
Haultain	Timiskaming.
Havelock	Haliburton.
Havilland	Algoma.
Hawkesbury, East	Prescott.
Hawkesbury, West	"
Hawkins	Algoma.
Hawley	Sudbury.
Hay	Huron.
Haycock	Kenora.
Hayward	Algoma.
Hazen	Sudbury.
Head	Renfrew.
Hearst	Timiskaming.
Henderson	Thunder Bay.
Hendrie	Sudbury.
Hennessy	"
Henry	"
Henwood	Timiskaming.
Herrick	Algoma.
Herschell	Hastings.
Hess	Sudbury.
Hibbert	Perth.
Hillary	Timiskaming.
Hilliard	"
Hillier	Prince Edward.
Hilton	Algoma.
Himsworth, North	Parry Sound.
Himsworth, South	"
Hinchinbrooke	Frontenac.
Hincks	Timiskaming.
Hindon	Haliburton.
Hislop	Timiskaming.
Hobbs	Nipissing.
Hodgetts	Sudbury.
Hodgins	Algoma.
Hogarth	Thunder Bay.
Holland	Grey.
Holmes	Timiskaming.
Homer	Thunder Bay
Hope	Durham.
Horton	Renfrew.
Hoskin	Sudbury.
Houghton	Norfolk.
Howard	Kent.
Howe Island	Frontenac.
Howey	Sudbury.
Howick	Huron.
Howland	Manitoulin.
Hoyle	Timiskaming.
Hudson	"
Hugel	Nipissing.
Hullett	Huron.
Humberstone	Welland.

TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Humboldt	Manitoulin.
Humphrey	Parry Sound.
Hungerford	Hastings.
Hunter	Nipissing.
Huntingdon	Hastings.
Huntley	Carleton.
Huron	Bruce.
Hutt	Sudbury.
Hutton	"
Hyman	"
Idington	Algoma.
Ingram	Timiskaming.
Innes	Thunder Bay.
Innisfil	Simcoe.
Irving	Algoma.
Jack	Sudbury.
Jaffray	Kenora.
James	Timiskaming.
Jamieson	"
Janes	Sudbury.
Jarvis	Algoma.
Jessop	Timiskaming.
Jennings	Sudbury.
Jocelyn	Algoma.
Johnson	"
Joly	Parry Sound.
Jones	Renfrew.
Kaladar	Lennox.
Kars	Algoma.
Katrine	Timiskaming.
Keefer	"
Keely	Nipissing.
Kehoe	Algoma.
Keith	Sudbury.
Kelly	"
Kelvin	"
Kemp	"
Kendall	Algoma.
Kendrey	Timiskaming.
Kennebec	Frontenac.
Kennedy	Timiskaming.
Kenny	Nipissing.
Kenyon	Glengarry.
Keppel	Grey.
Kerns	Timiskaming.
Kerrs	"
Kimberley	"
Kincaid	Algoma.
Kincardine	Bruce.
Kidd	Timiskaming.
King	York.
Kingsford	Rainy River.
Kingsmill	Timiskaming.
Kingston	Frontenac.
Kinloss	Bruce.
Kirkland	Timiskaming.
Kirkpatrick	Nipissing
Kirkwood	Algoma.
Kitchener	Sudbury.
Kitley	Leeds.
Kittson	Timiskaming.
Klock	"
Klotz	Thunder Bay.
Knight	Timiskaming.
Knox	"
Kohler	Algoma.
Korah	"
Lackner	Sudbury.

Township.	County or District.
Laidlaw	Algoma.
Laird	"
Lake	Hastings.
Lamarche	Timiskaming.
Lampman	Sudbury.
Lanark	Lanark.
Lancaster	Glengarry.
Langmuir	Timiskaming.
Langton	Kenora.
Lansdowne	Leeds.
Lash	Rainy River.
Latchford	Nipissing.
Lauder	"
Laura	Sudbury.
Laurier	Parry Sound.
Lavant	Lanark.
Law	Nipissing.
Lawrence	Haliburton.
Lawson	Timiskaming.
Laxton	Victoria.
Leask	Sudbury.
Lebel	Timiskaming.
Leckie	"
Ledger	Thunder Bay.
Lee	Timiskaming.
Leeds	Leeds.
Lefroy	Algoma.
Legge	"
Leitch	Timiskaming.
Leith	"
Lennox	"
Leo	"
Leonard	"
LeRoche	Nipissing.
Levack	Sudbury.
Lewis	Algoma.
Ley	"
Limerick	Hastings.
Lindsay	Bruce.
Lister	Nipissing.
Little	Timiskaming.
Livingstone	Haliburton.
Lobo	Middlesex.
Lochiel	Glengarry.
Lockhart	Nipissing.
Logan	Perth.
London	Middlesex.
Londonderry	Sudbury.
Long	Algoma.
Longford	Victoria.
Longueuil	Prescott.
Lorne	Sudbury.
Lorrain	Timiskaming.
Loudon	Nipissing.
Loughborough	Frontenac.
Loughrin	Sudbury.
Louise	"
Lount	Parry Sound.
Louth	Lincoln.
Louther	Algoma.
Loveland	Timiskaming.
Low	Thunder Bay.
Lucas	Timiskaming.
Lumsden	Sudbury.
Lundy	Timiskaming.
Luther, East	Dufferin.
Luther, West	Wellington.
Lutterworth	Haliburton.
Lybster	Thunder Bay.

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TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Lyell	Nipissing.
Lyman	"
Lyndoch	Renfrew.
Lyon	Thunder Bay.
Mabee	Timiskaming.
McArthur	"
McBride	Sudbury.
McCallum	Nipissing.
McCann	Timiskaming.
McCart	"
McCarthy	Sudbury.
McCaul	Rainy River.
M'Clintock	Haliburton.
M'Clure	Hastings.
McCoig	Algoma.
McConkey	Parry Sound.
McConnell	Sudbury.
McCool	Timiskaming.
McCrae	Algoma.
McCraney	Nipissing.
McCrosson	Rainy River.
McDougall	Parry Sound.
McElroy	Timiskaming.
McEvay	"
McFadden	"
McGarry	"
McGee	Sudbury.
McGiffin	Timiskaming.
McGillivray	Middlesex.
McGiverin	Algoma.
McGowan	"
McGregor	Thunder Bay.
McIntyre	"
McIrvine	Rainy River.
McKay	Renfrew.
McKellar	Parry Sound.
McKeown	Sudbury.
McKillop	Huron.
McKim	Sudbury.
McLaren	Nipissing.
McLaughlin	"
McLean	Muskoka.
McLeod	Sudbury.
McMahon	Algoma.
McMillan	"
McMurchy	Sudbury.
McMurrich	Parry Sound.
McNab	Renfrew.
McNamara	Sudbury.
McNaught	"
McNeil	Timiskaming.
McNish	Sudbury.
McTavish	Thunder Bay.
McVittie	Timiskaming.
McWilliams	Nipissing.
Macaulay	Muskoka.
Macbeth	Sudbury.
Macdonald	Algoma.
Macdiarmid	Timiskaming.
Machar	Parry Sound.
Machin	Timiskaming.
Mack	Algoma.
Mackelcan	Sudbury.
Mackenzie	Parry Sound.
Mackinnon	Sudbury.
Macklem	Timiskaming.
Maclennan	Sudbury.
Macpherson	Nipissing.
Madoc	Hastings.
Mahaffy	Timiskaming.
Maidstone	Essex.
Maisonville	Timiskaming.
Malahide	Elgin.
Malden	Essex.
Mann	Timiskaming.
Manvers	Durham.
Mara	Ontario.
Marathon	Timiskaming.
March	Carleton.
Marconi	Sudbury.
Maria	Renfrew.
Mariposa	Victoria.
Markham	York.
Marks	Thunder Bay.
Marlborough	Carleton.
Marmora	Hastings.
Marquis	Timiskaming.
Marshay	Sudbury.
Marter	Nipissing.
Martin	Algoma.
Martland	Sudbury.
Maryborough	Wellington.
Marysburgh, North	Prince-Edward.
Marysburgh, South	Prince Edward.
Mason	Sudbury.
Massey	Timiskaming.
Master	Nipissing.
Matawatchan	Renfrew.
Matchedash	Simcoe.
Mather	Rainy River.
Matheson	Timiskaming.
Mathieu	Rainy River.
Matilda	Dundas.
Mattagami	Sudbury.
Mattawan	Nipissing.
May	Sudbury.
Mayo	Hastings.
Medina	Timiskaming.
Medonte	Simcoe.
Medora	Muskoka.
Melancthon	Dufferin.
Melba	Timiskaming.
Melick	Kenora.
Melgund	"
Meredith	Algoma.
Merick	Nipissing.
Merritt	Sudbury.
Mersea	Essex.
Metcalfe	Middlesex.
Methuen	Peterborough.
Michaud	Timiskaming.
Michie	"
Mickle	"
Middleboro	Sudbury.
Middleton	Norfolk.
Midlothian	Timiskaming.
Miller	Frontenac.
Milligan	Timiskaming.
Mills	Parry Sound.
Mills	Manitoulin.
Milne	Nipissing.
Milner	Timiskaming.
Minden	Haliburton.
Minto	Wellington.
Miramichi	Sudbury.
Miscampbell	Rainy River.
Moberly	Timiskaming.

TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Moher	Sudbury.
Monaghan, North	Peterborough.
Monaghan, South	Northumberland.
Monck	Muskoka.
Moncrieff	Sudbury.
Mond	"
Monmouth	Haliburton.
Mono	Dufferin.
Montague	Lanark.
Monteagle	Hastings.
Monteith	Parry Sound.
Montgomery	Algoma.
Montrose	Timiskaming.
Moody	"
Moore	Lambton.
Moorehouse	Sudbury.
Morel	Timiskaming.
Morgan	Sudbury.
Morin	Algoma.
Morley	Rainy River.
Mornington	Perth.
Morris	Huron.
Morrisette	Timiskaming.
Morrison	Muskoka.
Morson	Rainy River.
Mortimer	Timiskaming.
Mosa	Middlesex.
Moss	Thunder Bay.
Moulton	Haldimand.
Mountain	Dundas.
Mountjoy	Timiskaming.
Mowat	Parry Sound.
Mulligan	Timiskaming.
Mulloy	Algoma.
Mulmer	Dufferin.
Mulock	Nipissing.
Mulvey	Algoma.
Munro	Timiskaming.
Murchison	Nipissing.
Murphy	Timiskaming.
Murray	Northumberland.
Musgrove	Timiskaming.
Muskoka	Muskoka.
Mutrie	Kenora.
Nairn	Sudbury.
Nansen	Timiskaming.
Nassagaweya	Halton.
Natal	Sudbury.
Neebing	Thunder Bay.
Neelon	Sudbury.
Neely	Algoma.
Nelles	Rainy River.
Nelson	Halton.
Nepean	Carleton.
Nesbitt	Timiskaming.
Newmarket	"
Niagara	Lincoln.
Nichol	Wellington.
Nicol	Timiskaming.
Nightingale	Haliburton.
Nipigon	Thunder Bay.
Nipissing	Parry Sound.
Nissouri, East	Oxford.
Nissouri, West	Middlesex.
Niven	Nipissing.
Nixon	Timiskaming.
Noble	Sudbury.
Nordica	Timiskaming.
Norman	Sudbury.
Normanby	Grey.
Northrup	Sudbury.
Norwich, North	Oxford.
Norwich, South	"
Notman	Nipissing.
Nottawasaga	Simcoe.
Nursey	Sudbury.
Oakland	Brant.
Oakley	Muskoka.
O'Brien	Timiskaming.
O'Connor	Thunder Bay.
Ogden	Timiskaming.
Ogilvie	Sudbury.
Olden	Frontenac.
Olive	Nipissing.
Oliver	Thunder Bay.
Olrig	Nipissing.
O'Meara	Thunder Bay.
Onaping	Sudbury.
Oneida	Haldimand.
Onondaga	Brant.
Ops	Victoria.
Orford	Kent.
Orillia, North	Simcoe.
Orillia, South	"
Oro	"
Osborne	Nipissing.
Osgoode	Carleton.
Osler	Nipissing.
Osnabruck	Stormont.
Oso	Frontenac.
Ossian	Timiskaming.
Osprey	Grey.
Otonabee	Peterborough.
Ottaway	Timiskaming.
Otter	Algoma.
Otto	Timiskaming.
Owens	"
Oxford	Grenville.
Oxford, North	Oxford.
Oxford, East	"
Oxford, West	"
Pacaud	Timiskaming.
Paipoonge	Thunder Bay.
Pakenham	Lanark.
Palmer	Algoma.
Palmerston	Frontenac.
Papineau	Nipissing.
Pardee	Thunder Bay.
Pardo	Nipissing.
Parke	Algoma.
Parker	Sudbury.
Parkin	"
Parkinson	Algoma.
Patterson	Parry Sound.
Pattinson	Sudbury.
Patton	Algoma.
Pattullo	Rainy River.
Paul	Sudbury.
Paxton	Nipissing.
Pearce	Timiskaming.
Pearson	Thunder Bay.
Peck	Nipissing.
Peel	Wellington.
Pedley	Nipissing.
Pelham	Welland.

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TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Pembroke	Renfrew.
Pellatt	Kenora.
Penharwood	Sudbury.
Pennefather	Algoma.
Pense	Timiskaming.
Pentland	Nipissing.
Percy	Northumberland.
Perry	Parry Sound.
Petawawa	Renfrew.
Pettypiece	Kenora.
Pharand	Timiskaming.
Phelps	Nipissing.
Pic	Thunder Bay.
Pickering	Ontario.
Pilkington	Wellington.
Pittsburgh	Frontenac.
Plantagenet, North	Prescott.
Plantagenet, South	"
Playfair	Timiskaming.
Plummer	Algoma.
Plympton	Lambton.
Poitras	Nipissing.
Pontiac	Timiskaming.
Porter	Sudbury.
Portland	Frontenac.
Potts	Rainy River.
Powell	Timiskaming.
Pratt	Rainy River.
Preston	Nipissing.
Price	Timiskaming.
Prince	Algoma.
Pringle	Parry Sound.
Proctor	Algoma.
Prosser	Timiskaming.
Proton	Grey.
Proudfoot	Parry Sound.
Purdom	Thunder Bay.
Purvis	Nipissing.
Puslinch	Wellington.
Pyne	Timiskaming.
Radcliffe	Renfrew.
Raglan	"
Rainham	Haldimand.
Raleigh	Kent.
Rama	Ontario.
Ramsay	Sudbury.
Ramsay	Lanark.
Ramsay Wright	Rainy River.
Rankin	Timiskaming.
Rathbun	Sudbury.
Ratter	"
Rattray	Timiskaming.
Rawdon	Hastings.
Ray	Timiskaming.
Raymond	"
Raynar	Thunder Bay.
Rayside	Sudbury.
Reach	Ontario.
Reaume	Timiskaming.
Redditt	Kenora.
Regan	Sudbury.
Reid	Timiskaming.
Revell	Kenora.
Reynolds	Timiskaming.
Richards	Renfrew.
Richardson	Rainy River.
Richmond	Lennox.
Rickard	Timiskaming.
Riddell	Nipissing.
Ridout	Muskoka.
Ritchie	Algoma.
Roadhouse	Timiskaming.
Roberts	Sudbury.
Robertson	Timiskaming.
Robinson	Manitoulin.
Robillard	Timiskaming.
Robb	"
Roblin	Sudbury.
Rochester	Essex.
Roddick	Rainy River.
Rogers	Algoma.
Rolph	Renfrew.
Romney	Kent.
Rorke	Timiskaming.
Rose	Algoma.
Rosebery	Rainy River.
Ross	Renfrew.
Rowell	Kenora.
Roxborough	Stormont.
Rugby	Kenora.
Russell	Russell.
Rutherford	Manitoulin.
Ryan	Algoma.
Ryde	Muskoka.
Ryerson	Parry Sound.
Sabine	Nipissing.
St. Edmunds	Bruce.
St. John	Timiskaming.
St. Joseph	Algoma.
St. Louis	Sudbury.
St. Mary	Algoma.
St. Vincent	Grey.
Salter	Sudbury.
Saltfleet	Wentworth.
Sandfield	Manitoulin.
Sandwich, East	Essex.
Sandwich, West	"
Sandwich, South	"
Sandford	Kenora.
Sankey	Algoma.
Sarawak	Grey.
Sargeant	Timiskaming.
Sarnia	Lambton.
Saugeen	Bruce.
Savard	Timiskaming.
Scadding	Sudbury.
Scarborough	York.
Scarfe	Algoma.
Scholes	Nipissing.
Scoble	Thunder Bay.
Scollard	Sudbury.
Scotia	"
Scott	Ontario.
Scugog	"
Seagram	Sudbury.
Sebastopol	Renfrew.
Secord	Sudbury.
Selby	"
Selkirk	"
Selwyn	Thunder Bay.
Semple	Sudbury.
Seneca	Haldimand.
Servos	Sudbury.
Seymour	Northumberland.

TOWNSHIPS IN ONTARIO—*Continued.*

Township.	County or District.
Shackleton	Timiskaming.
Shakespeare	Sudbury.
Shannon	Algoma.
Sharpe	Timiskaming.
Shaw	Sudbury.
Shawanaga	Parry Sound.
Sheard	Sudbury.
Sheba	Timiskaming.
Shedden	Algoma.
Sheffield	Addington.
Sheguiandah	Manitoulin.
Shelburne	Sudbury.
Shelley	"
Shenstone	Rainy River.
Sheppard	Sudbury.
Sheraton	Timiskaming.
Sherborne	Haliburton.
Sherbrooke	Haldimand.
Sherbrooke, North	Lanark.
Sherbrooke, South	"
Sherring	Timiskaming.
Sherwood	Renfrew.
Shields	Algoma.
Shillington	Timiskaming.
Shuel	Algoma.
Sibley	Thunder Bay.
Sidney	Hastings.
Sifton	Rainy River.
Simpson	Algoma.
Sisk	Nipissing.
Sinclair	Muskoka.
Skead	Timiskaming.
Sladen	Sudbury.
Smellie	Kenora.
Smith	Peterborough.
Smyth	Timiskaming.
Snider	Sudbury.
Snowdon	Haliburton.
Sombra	Lambton.
Somerville	Victoria.
Sophiasburg	Prince Edward.
Sothman	Sudbury.
South Lorrain	Timiskaming.
Southwold	Elgin.
Southworth	Kenora.
Speight	Timiskaming.
Spence	Parry Sound.
Spohn	Rainy River.
Sprague	Algoma.
Springer	Nipissing.
Sproule	"
Stafford	Renfrew.
Stamford	Welland.
Stanhope	Haliburton.
Stanley	Huron.
Staunton	Algoma.
Steele	Timiskaming.
Stephen	Huron.
Stetham	Sudbury.
Stephenson	Muskoka.
Stewart	Nipissing.
Stimson	Timiskaming.
Stisted	Muskoka.
Stobie	Sudbury.
Stock	Timiskaming.
Stoddard	Algoma.
Storrington	Frontenac.
Strange	Thunder Bay.
Strathcona	Nipissing.
Strathearn	Sudbury.
Strathy	Nipissing.
Stratton	"
Street	Sudbury.
Striker	Algoma.
Strong	Parry Sound.
Studholme	Algoma.
Stull	Sudbury.
Sullivan	Grey.
Sulman	Timiskaming.
Sunnidale	Simcoe.
Sutherland	Rainy River.
Swanson	Timiskaming.
Sweatman	"
Sweeny	Sudbury.
Sydenham	Grey.
Sydere	Timiskaming.
Tait	Rainy River.
Talbot	Algoma.
Tannahill	Timiskaming.
Tarbutt	Algoma.
Tarentorus	"
Tay	Simcoe.
Taylor	Timiskaming.
Teck	"
Tecumseth	Simcoe.
Teefy	Timiskaming.
Teetzel	"
Tehkummah	Manitoulin.
Telfer	Sudbury.
Temple	Kenora.
Templeton	Algoma.
Tennyson	"
Terry	Timiskaming.
Thackeray	"
Thessalon	Algoma.
Thistle	Nipissing.
Thomas	Timiskaming.
Thompson	Algoma.
Thorah	Ontario.
Thorburn	Timiskaming.
Thorneloe	"
Thorold	Welland.
Thurlow	Hastings.
Tilbury, North	Essex.
Tilbury, East	Kent.
Tilbury, West	Essex.
Tilley	Algoma.
Tilton	Sudbury.
Timmins	Timiskaming.
Tiny	Simcoe.
Tisdale	Timiskaming.
Togo	Sudbury.
Tolstoi	Timiskaming.
Torbolton	Carleton.
Toronto	Peel.
Toronto Gore	"
Torrance	Sudbury.
Torrington	Nipissing.
Tosorontio	Simcoe.
Totten	Sudbury.
Tovell	Rainy River.
Townsend	Norfolk.
Trafalgar	Halton.
Trethewey	Timiskaming.
Trill	Sudbury.
Truax	Timiskaming
Tucker	Sudbury.
Tuckersmith	Huron.

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TOWNSHIPS IN ONTARIO—*Concluded.*

Township.	County or District.
Tudhope	Timiskaming.
Tudor	Hastings.
Tully	Timiskaming.
Tupper	Algoma.
Turnberry	Huron.
Turnbull	Timiskaming.
Turner	Sudbury.
Tuscarora	Brant.
Tyendinaga	Hastings.
Tyrrell	Timiskaming.
Umbach	Kenora.
Unwin	Sudbury.
Usborne	Huron.
Uxbridge	Ontario.
Valin	Sudbury.
Van Horne	Kenora.
Van Nostrand	Timiskaming.
Van Hise	"
Vankoughnet	Algoma.
Vaughan	York.
Vernon	Sudbury.
Verulam	Victoria.
Vespra	Simcoe.
Victoria	Algoma.
Vogt	Nipissing.
Vrooman	Sudbury.
Wabigoon	Kenora.
Wainfleet	Welland.
Wainwright	Kenora.
Waldie	Sudbury.
Walker	Timiskaming.
Wallace	Perth.
Wallbridge	Parry Sound.
Wallis	Timiskaming.
Walpole	Haldimand.
Walsingham, North	Norfolk.
Walsingham, South	"
Warden	Timiskaming.
Ware	Thunder Bay
Wark	Timiskaming.
Warwick	Lambton.
Waterloo	Waterloo.
Waters	Sudbury.
Watt	Muskoka.
Watten	Rainy River.
Wawanosh, East	Huron.
Wawanosh, West	"
Way	Algoma.
Wellesley	Waterloo.
Wells	Algoma.
Wesley	Timiskaming.
Westbrook	Sudbury.
Whalen	Sudbury.
Westmeath	Renfrew.
Westminster	Middlesex.
Whitby	Ontario.
Whitby, East	"
Whitchurch	York.
White	Nipissing.
Whitesides	Timiskaming.
Whitman	Algoma.
Whitney	Timiskaming.
Whitson	"
Wicklow	Hastings.
Widdifield	Nipissing.
Wigle	Sudbury.
Wilberforce	Renfrew.
Wilhelmina	Timiskaming.
Wilkes	Nipissing.
Wilkie	Timiskaming.
Willet	"
Williams, North	"
Williams, East	Middlesex.
Williams, West	"
Williamsburgh	Dundas.
Williamson	Timiskaming.
Willison	"
Willoughby	Welland.
Wilmot	Waterloo.
Wilson	Parry Sound.
Winchester	Dundas.
Windham	Norfolk.
Wisner	Sudbury.
Wolfe Island	Frontenac.
Wolford	Grenville.
Wollaston	Hastings.
Wood	Muskoka.
Woodhouse	Norfolk.
Woodyatt	Rainy River.
Woolrich	Algoma.
Woolwich	Waterloo.
Worthington	Rainy River.
Wylie	Renfrew.
Wyse	Nipissing.
Yarmouth	Elgin.
Yarrow	Timiskaming.
Yates	Nipissing.
Yonge	Leeds.
York	York.
Zavitz	Sudbury.
Zealand	Kenora.
Zone	Kent.
Zora, East	Oxford.
Zora, West	"

TOWNSHIPS IN QUEBEC.

Abercrombie	Terrebonne.
Aberdeen	Pontiac.
Aberford	"
Acton	Bagot.
Addington	Ottawa.
Adstock	Beauce.
Aiguebelle	Abitibi and Pontiac.
Albanel	Lake St. John.
Albert	Saguenay.
Aldfield	Pontiac.
Allard	St. Maurice.
Alleyn	Pontiac.
Allumettes	"
Alton	Portneuf.
Amherst	Ottawa.
Angers	Bonaventure.
Angoulême	Maskinongé and Berthier.
Arago	L'Islet.
Archambault	Montcalm.
Arlens	Pontiac.

TOWNSHIPS IN QUEBEC—*Continued.*

Township.	County or District.
Armagh	Bellechasse.
Armand	Témiscouata.
Arnaud	Saguenay.
Arthabaska	Arthabaska.
Arundel	Argenteuil.
Ascot	Sherbrooke.
Ashburton	Montmagny.
Ashford	L'Islet.
Ashuapmouchuan	Lake St. John.
Assemetquagan	Matane.
Aston	Nicolet.
Atwater	Pontiac.
Auckland	Compton.
Auclair	Témiscouata.
Augier	Abitibi.
Aumond	Ottawa.
Awantjish	Matane.
Aylmer	Beauce.
Aylwin	Ottawa.
Babel	Saguenay.
Baby	Pontiac.
Bagot	Chicoutimi.
Baillargeon	Gaspe.
Barford	Stanstead.
Barnston	"
Barraute	Abitibi.
Bartouille	"
Baskatonge	Ottawa.
Basserode	Pontiac.
Baune	Saguenay.
Bauneville	Pontiac.
Béarn	Abitibi.
Beaubien	L'Islet.
Beauclair	Abitibi.
Beaumesnil	Pontiac.
Bédard	Rimouski.
Bégin	Chicoutimi.
Bégon	Témiscouata.
Bellcourt	Saguenay.
Belleau	St. Maurice.
Bellechasse	Bellechasse.
Bellecombe	Pontiac.
Béraud	"
Beresford	Terrebonne
Bergeronnes	Saguenay.
Berry	Abitibi.
Bersimis	Saguenay.
Bickerdike	Quebec.
Biencourt	Rimouski.
Bigelow	Ottawa.
Bignell	Abitibi and Mistassini.
Bissot	Saguenay.
Blaiklock	Abitibi.
Blais	Matane.
Blake	Ottawa.
Blanche	Saguenay.
Blanchet	Gaspe.
Blanc-Sablon (archipelago)	Saguenay.
Blandford	Nicolet and Arthabaska.
Bobin	Abitibi.
Boileau	Chicoutimi.
Bois	Portneuf.
Boischatel	Abitibi and Pontiac.
Boisclair	Pontiac.
Boishébert	Saguenay.
Boisseau	Abitibi.
Bolton	Brome.
Bonne-Espérance	Saguenay.
Booth	Pontiac.
Botsford	Témiscouata.
Boucher	Champlain.
Bouchette	Ottawa.
Bougainville	Saguenay.
Bourdages	Montmagny.
Bourdon	Saguenay.
Bourget	Chicoutimi.
Bourlamaque	Abitibi.
Bousquet	Pontiac.
Bouthillier	Ottawa.
Bowman	"
Boyer	"
Brandon	Berthier.
Brassard	"
Brassier	Abitibi.
Brebœuf	Chicoutimi.
Brest	Saguenay.
Bristol	Pontiac.
Brodeur	"
Brome	Brome.
Brompton	Richmond.
Brouague	Saguenay.
Broughton	Beauce.
Bryson	Pontiac.
Buckingham	Ottawa.
Buckland	Bellechasse.
Bulstrode	Arthabaska.
Bungay	Kamouraska.
Bury	Compton.
Cabano	Témiscouata.
Cabot	Matane.
Cadillac	Pontiac.
Caire	"
Callières	Charlevoix.
Calumet	Pontiac.
Cameron	Ottawa.
Campbell	"
Campeau	Pontiac.
Cannon	Saguenay.
Cap-Chat	Gaspe.
Cap-Rosier	"
Carignan	Champlain.
Carleton	Bonaventure.
Caron	Lake St. John.
Carpentier	Abitibi.
Cartier	Joliette.
Casault	Matane.
Casgrain	L'Islet.
Castagnier	Abitibi.
Causupscal	Matane.
Cathcart	Joliette.
Cauchon	Montmorency.
Cawood	Pontiac.
Caxton	St. Maurice.
Céry	Saguenay.
Chabert	Abitibi.
Chabot	Kamouraska.
Champigny	Chicoutimi.
Chapais	Kamouraska.
Chapleau	Maskinongé.
Charlevoix	Lake St. John.
Charnay	Saguenay.
Chatham	Argenteuil.
Chauveau	Charlevoix.
Chavigny	Portneuf.
Chenier	Rimouski.

TOWNSHIPS IN QUEBEC—*Continued.*

Township.	County or District.
Cherbourg	Matane.
Chertsey	Montcalm.
Chesham	Compton.
Chester, East	Arthabaska.
Chester, West	"
Chevalier	Saguenay.
Chichester	Pontiac.
Chicoutimi	Chicoutimi.
Chilton	Montcalm.
Christie	Gaspe.
Church	Pontiac.
Clapham	"
Clarendon	"
Clericy	"
Clerion	"
Cleveland	Richmond.
Clifton	Compton.
Clinton	"
Cloridorme	Gaspe.
Clyde	Ottawa.
Coffin Island	Magdalen Islands.
Colbert	Portneuf.
Coleraine	Megantic.
Compton	Compton.
Cook	Saguenay.
Courcelles	Berthier.
Courville	Pontiac.
Cox	Bonaventure.
Cranbourne	Dorchester.
Crespieul	Lake St. John.
Crusson	Abitibi.
Daaquam	Bellechasse.
Dablon	Lake St. John.
Dalibaire	Matane.
Dalmas	Lake St. John.
Dalquier	Abitibi.
Darlens	Pontiac.
Dartigues	Abitibi.
Dasserat	Abitibi and Pontiac.
Daudhébourg	Saguenay.
De Beaujeu	Gaspe.
De Calonnes	Maskinongé.
Dechene	Lake St. John.
De la Tour	Saguenay.
Delbreuil	Pontiac.
Delisle	Lake St. John.
De Maisonneuve	Berthier.
Demers	Témiscouata.
Demeules	Lake St. John.
De Monts	Saguenay.
Denholm	Ottawa.
Denonville	Témiscouata.
Denoue	Gaspe.
Dequen	Lake St. John.
Derry	Ottawa.
De Salaberry	Terrebonne.
De Sales	Charlevoix.
Desandroins	Pontiac.
Desaulniers	St. Maurice.
Desmeloizes	Abitibi.
Despinassy	"
Desroberts	"
Destor	Abitibi and Pontiac.
Devlin	Abitibi.
Dionne	L'Islet.
Ditchfield	Beauce.
Ditton	Compton.
Dolbeau	Lake St. John.
Dollard	Abitibi.
Doncaster	Terrebonne.
Dorion	Pontiac.
Dorset	Beauce.
Douglas	Gaspe.
Douglastown	"
Doussin	Abitibi.
Duberger	Abitibi and Mistassini.
Dubuisson	Abitibi.
Duchesnay	Gaspe.
Duchesneau	Saguenay.
Ducreux	Chicoutimi.
Ducros	Abitibi.
Dudley	Ottawa.
Dudswell	Wolfe.
Dufault	Pontiac.
Dufay	"
Dufferin	Lake St. John.
Dufresnoy	Pontiac.
Duhamel	"
Dumas	Saguenay.
Dundee	Huntingdon.
Dunham	Missisquoi.
Duparquet	Abitibi.
Duprat	Abitibi and Pontiac.
Duquesne	Rimouski.
Durham	Drummond.
Durocher	Chicoutimi.
Duval	Saguenay.
Duverny	Abitibi.
Eardley	Ottawa.
Eaton	Compton.
Eddy	Pontiac.
Edwards	"
Egan	Ottawa.
Elgin	Huntingdon.
Ely	Shefford.
Emberton	Compton.
Escoumains	Saguenay.
Esher	Pontiac.
Estcourt	Témiscouata.
Fabre	Pontiac.
Faillon	Abitibi.
Falardeau	Chicoutimi.
Farnham, East	Brome.
Farnham, West	Missisquoi.
Ferland	Chicoutimi.
Fiedmont	Abitibi.
Figuery	Abitibi and Pontiac.
Fitzpatrick	Saguenay.
Flahault	Bonaventure.
Fleuriault	Rimouski.
Flynn	"
Forsyth	Beauce.
Fortin	Gaspé.
Fournier	L'Islet.
Fournière	Abitibi.
Fox	Gaspe.
Frampton	Dorchester.
Franklin	Huntingdon.
Franquelin	Saguenay.
Gagnon	Ottawa.

TOWNSHIPS IN QUEBEC—*Continued.*

Township.	County or District.
Galt	Gaspe.
Garneau	L'Islet.
Garnier	Lake St. John.
Garthby	Wolfe.
Gaspe Bay, North	Gaspe.
Gaspé Bay, South	"
Gauthier	Berthier.
Gauvin	Mistassini.
Gayhurst	Beauce.
Gendreau	Pontiac.
Gendron	Quebec.
Gillies	Pontiac.
Girard	Lake St. John.
Godmanchester	Huntingdon.
Gore	Argenteuil.
Gosford	Portneuf.
Gouin	Joliette.
Goynish	Saguenay.
Granby	Shefford.
Grandison	Terrebonne.
Granet	Pontiac.
Grantham	Drummond.
Gravel	Ottawa.
Grenier	Saguenay.
Grenville	Argenteuil.
Guérin	Pontiac.
Guigues	"
Guyenne	Abitibi.
Hackett	Champlain.
Halifax, North	Mégantic.
Halifax, South	"
Ham, North	Wolfe.
Ham, South	"
Hamilton	Bonaventure.
Hampden	Compton.
Harrington	Argenteuil.
Hartwell	Ottawa.
Harvey	Chicoutimi.
Hatley	Stanstead.
Havelock	Huntingdon.
Hébécourt	Abitibi.
Hébert	Chicoutimi.
Hemmingford	Huntingdon.
Hereford	Compton.
Hinchinbrook	Huntingdon.
Hincks	Ottawa.
Hocquart	Témiscouata.
Hope	Bonaventure.
Horton	Arthabaska.
Howard	Argenteuil.
Huddersfield	Pontiac.
Hull	Ottawa.
Humqui	Matane.
Hunterstown	Maskinongé.
Iberville	Saguenay.
Inverness	Mégantic.
Ireland	"
Ixworth	Kamouraska.
Jersey	Beauce.
Jetté	Matane.
Joanne	Pontiac.
Jogues	Lake St. John.
Joliette	Berthier and Joliette.
Joly	Ottawa.
Jonquière	Chicoutimi.
Josselin	Abitibi.
Jourdan	Pontiac.
Jurée	Abitibi.

Township.	County or District.
Kaine	Maskinongé.
Kecarpoué (archipelago)	Saguenay.
Kegashka	"
Kenogami	Chicoutimi.
Kensington	Ottawa.
Kiamika	"
Kildare	Joliette.
Kilkenny	Montcalm-Terrebonne.
Kingsey	Drummond.
Labarre	Lake St. John.
Labelle	Ottawa.
Labrecque	Chicoutimi.
Labrosse	"
LaCorne	Abitibi.
Lacoste	Saguenay.
Laflèche	"
Lafontaine	L'Islet.
Laforce	Gaspe.
Lagorgendière	Saguenay.
Lalande	"
Lallemant	Chicoutimi.
Lambton	Beauce.
LaMinerve	Ottawa.
LaMorandière	Abitibi.
LaMotte	Abitibi and Pontiac.
Landanet	Pontiac.
Landrienne	Abitibi.
Langelier	Champlain.
Langevin	Dorchester.
Languedoc	Abitibi.
LaPause	Pontiac.
Lapeyrère	Champlain.
LaReine	Abitibi.
Larocque	Gaspe.
Lartigue	Chicoutimi.
Larue	Quebec.
La Salle	Portneuf.
La Sarre	Abitibi.
Laterrière	Chicoutimi.
Lathbury	Ottawa.
Latulippe	Pontiac.
Laubanie	Abitibi.
Launay	Pontiac.
Laure	Quebec.
Laurier	Champlain.
Laval	Saguenay.
Laviolette	Maskinongé.
Laverlochère	Pontiac.
Lavoie	Quebec.
Lecompte	Abitibi.
Leeds	Mégantic.
Le Gardeur	Saguenay.
Le Jeune	Champlain.
Lemoine	Abitibi.
Leneuf	Saguenay.
Lesage	Ottawa.
Leslie	Pontiac.
Lestres	Abitibi.
Letellier	Saguenay.
Leverrier	L'Islet.
Liénard	Saguenay.
Lingwick	Compton.
Linière	Beauce.
Litchfield	Pontiac.
Lochaber	Ottawa.
Loranger	"

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TOWNSHIPS IN QUEBEC—*Continued.*

Township.	County or District.
Louise	Beauce.
Louvicourt	Abitibi.
Low	Ottawa.
Lussier	Montcalm.
Lynch	"
Lytton	Ottawa.
McCorkill	Abitibi.
McGill	Ottawa.
McKenzie	Abitibi.
McLachlin	Pontiac.
McNider	Matane.
McOuat	Abitibi.
Macpès	Rimouski.
Maddington	Nicolet.
Magog	Stanstead.
Mailloux	Bellechasse.
Major	Ottawa.
Malakoff	Pontiac.
Malartic	Abitibi.
Malbaie	Gaspe.
Malherbe	Lake St. John.
Malhiot	Champlain.
Manikuagan	Saguenay.
Maniwaki	Ottawa.
Mann	Bonaventure.
Manneville	Pontiac.
Mansfield	"
Marchand	Ottawa.
Maria	Bonaventure.
Marlow	Beauce.
Marmier	Portneuf.
Marrias	Abitibi.
Marsal	Saguenay.
Marston	Compton.
Martin	Abitibi.
Masham	Ottawa.
Massé	Matane.
Masson	Maskinongé.
Matalik	Matane.
Matane	"
Matapedia	Bonaventure.
Mazenod	Pontiac.
Mazerac	"
Mekattina (archipel du Petit)	Saguenay.
Mekattina (archipel du Gros)	"
Mekinak	Champlain.
Melbourne	Richmond.
Mercier	Pontiac.
Mésy	Lake St. John.
Metabetchouan	"
Metgermette, North	Beauce.
Metgermette, South	"
Milnikek	Bonaventure.
Milton	Shefford.
Moisie	Saguenay.
Montanier	Pontiac.
Montauban	Portneuf.
Montbeillard	Pontiac.
Montbray	Abitibi.
Montcalm	Argenteuil.
Montesson	Saguenay.
Montgay	Abitibi.
Montigny	Ottawa.
Montminy	Montmagny.
Montreuil	Pontiac.
Moreau	Ottawa.
Morin	Terrebonne.
Montagne	Pontiac.
Mousseau	Montcalm.
Mulgrave	Ottawa.
Muskwaro	Saguenay.
Nabisipi (archipelago)	"
Natashkwan	"
Nantel	Montcalm.
Nedelec	Pontiac.
Neigette	Rimouski.
Nelson	Mégantic.
Nemtaye	Matane.
New Carlisle	Bonaventure.
Newport	Gaspe.
Newport	Compton.
New Richmond	Bonaventure.
Newton	Vaudreuil.
Normandin	Lake St. John.
Northfield	Ottawa.
Nouvelle	Bonaventure.
Obalski	Abitibi.
Onslow	Pontiac.
Orford	Sherbrooke.
O'Sullivan	Mistassini.
Otis	Chicoutimi.
Ouapitagon (archipelago)	Saguenay.
Ouiatchouan	Lake St. John.
Ouimet	Rimouski.
Packington	Témiscouata.
Painchaud	Kamouraska.
Palmarolle	Abitibi.
Panet	Montmagny.
Parent	Lake St. John.
Parke	Kamouraska.
Pascalis	Abitibi.
Patapedia	Bonaventure.
Patton	Montmagny.
Pelissier	Pontiac.
Pelletier	Lake St. John.
Percé	Gaspe.
Périgny	Chicoutimi.
Peterborough	Maskinongé and Berthier.
Petit	Lake St. John.
Peuvret	Saguenay.
Phélyppeaux	"
Pinault	Matane.
Plamondon	Abitibi.
Plessis	Chicoutimi.
Pohenegamook	Kamouraska.
Polette	Champlain.
Ponsonby	Ottawa.
Pontbriand	Lake St. John.
Pontefract	Pontiac.
Pontchartrain	Saguenay.
Pontgravé	"
Pontleroy	Pontiac.
Pope	Ottawa.
Port Daniel	Bonaventure.
Portland	Ottawa.
Portneuf	Saguenay.
Potton	Brome.
Poularies	Abitibi.
Preissac	Pontiac.
Preston	Ottawa.
Price	Beauce.
Privat	Abitibi.
Provost	Berthier.
Racine	Lake St. John.
Radnor	Champlain.
Rameau	Gaspe.

TOWNSHIPS IN QUEBEC—*Continued.*

Township.	County or District.
Raudot	Témiscouata.
Rawdon	Montcalm.
Rémigny	Pontiac.
Rhodes	Quebec.
Richardson	Abitibi and Mistassini.
Richmond	Bonaventure.
Ripon	Ottawa.
Risborough	Beauce.
Ristigouche	Bonaventure.
Robertson	Ottawa.
Roberval	Lake St. John.
Robidoux	Bonaventure.
Robinson	Témiscouata.
Robitaille	"
Rochebeaucourt	Abitibi.
Rochemonteix	Saguenay.
Rochon	Ottawa.
Rocmont	Portneuf.
Rolette	Montmagny.
Romieu	Matane.
Roquemaure	Abitibi.
Ross	Lake St. John.
Rouillard	Témiscouata.
Roux	Bellechasse.
Rouyn	Pontiac.
Roxton	Shefford.
Roy	Abitibi.
Royal-Roussillon	"
Royer	Saguenay.
Sabourin	Abitibi.
Sagard	Saguenay.
Saguenay	"
St. Augustin (archipelago)	"
St. Camille	Wolfe.
St. Denis	Matane.
St. Germain	Chicoutimi.
St. Hilaire	Lake St. John.
St. Jean	Chicoutimi.
Ste. Marie (archipelago)	Saguenay.
St. Vincent	"
Scott	Abitibi.
Senneterre	"
Sennville	"
Settrington	Charlevoix.
Shawenegan	St. Maurice.
Sheen	Pontiac.
Shefford	Shefford.
Shehyn	Pontiac.
Shenley	Beauce.
Sherrington	Laprairie and Napierville.
Shipton	Richmond.
Sicotte	Ottawa.
Signai	Lake St. John.
Simard	Chicoutimi.
Simon	"
Simpson	Drummond and Arthabaska.
Somerset	Megantic.
Spalding	Beauce.
Stanbridge	Missisquoi.
Standon	Dorchester.
Stanfold	Arthabaska.
Stanstead	Stanstead.
Stoke	Richmond.
Stoneham	Quebec.
Stratford	Wolfe.
Stukely	Shefford.
Suffolk	Ottawa.
Surimau	Pontiac.
Sutton	Brome.
Sydenham, North	Gaspe.
Sydenham, South	"
Tabaret	Pontiac.
Taché	Chicoutimi.
Tadoussac	Saguenay.
Taillon	Lake St. John.
Talon	Montmagny.
Tanguay	Lake St. John.
Taschereau	Gaspe.
Tavernier	Abitibi.
Templeton	Ottawa.
Tessier	Matane.
Tewkesbury	Quebec.
Thetford	Megantic.
Thorne	Pontiac.
Tillemont	Abitibi.
Tingwick	Arthabaska.
Tonti	Portneuf.
Tourelle	Gaspe.
Tourouvre	Champlain.
Tracy	Berthier.
Trécesson	Abitibi and Pontiac.
Tremblay	Chicoutimi.
Tring	Beauce.
Trudel	Quebec.
Turcotte	Champlain.
Turgeon	Ottawa.
Upton	Yamaska.
Valets	Abitibi.
Vallière	Champlain.
Varsan	Abitibi.
Vassal	"
Vaudray	Pontiac.
Vieux Fort (archipelago)	Saguenay.
Viger	Témiscouata.
Vilars	Pontiac.
Villemontel	"
Villeneuve	Ottawa.
Wabassee	"
Wakefield	"
Waltham	Pontiac.
Ware	Dorchester.
Warwick	Arthabaska.
Washicoutai (archipelago)	Saguenay.
Watford	Dorchester.
Weedon	Wolfe.
Weir	Bonaventure.
Wells	Ottawa.
Wendover	Drummond.
Wentworth	Argenteuil.
Westbury	Compton.
Wexford	Terrebonne & Montcalm.
Weymontachingue	Champlain.
Whitton	Compton.
Whitworth	Témiscouata.
Wickham	Drummond.
Windsor	Richmond.
Winslow	Compton.
Woburn	Beauce.
Wolfe	Terrebonne.
Wolfestown	Wolfe.
Woodbridge	Kamouraska.
Wotton	Wolfe.
Wright	Ottawa.
Wurtele	"
York	Gaspe.

TOWNSHIPS IN NOVA SCOTIA.

Township.	County
Amherst	Cumberland.
Annapolis	Annapolis.
Argyle	Yarmouth.
Arisaig	Antigonish.
Aylesford	Kings.
Barrington	Shelburne.
Boularderie (island)	Cape Breton.
Chester	Lunenburg.
Clare	Digby.
Clements	Annapolis.
Cornwallis	Kings.
Dartmouth	Halifax.
Digby	Digby.
Digby Neck	"
Dorchester	Antigonish.
Douglas	Hants.
Economy	Colchester.
Egerton	Pictou.
Falmouth	Hants.
Granville	Annapolis.
Guysborough	Guysborough.
Guysborough	Queens.
Horton	Kings.
Halifax	Halifax.
Hillsborough	Digby.
Kempt	Hants.
Kemptown	Colchester.
Liverpool	Queens.
Londonderry	Colchester.
Long Island	Digby.
Lunenburg	Lunenburg.
Louisburg	Cape Breton.
Maitland	Hants.
Manchester	Guysborough.
Maxwellton	Pictou.
Milford	Guysborough.
Mira	Cape Breton.
Morristown	Antigonish.
New Dublin	Lunenburg.
Newport	Hants.
Oldham	Halifax.
Onslow	Colchester.
Pictou	Pictou.
Preston	Halifax.
Rawdon	Hants.
Sackville	Halifax.
St. Andrews	Antigonish.
St. Andrews	Cape Breton.
St. Josephs	Antigonish.
St. Marys	Guysborough.
Shelburne	Shelburne.
Shubenacadie	Hants.
Stewiacke	Colchester.
Stirling	"
Stormont	Guysborough.
Sydney	Cape Breton.
Tangier	Halifax.
Tatamagouche	Colchester.
Tracadie	Antigonish.
Truro	Colchester.
Uniacke	Hants.
Walton	"
Wilmot	Annapolis.
Wilmot	Guysborough.
Windsor	Hants.
Weymouth	Digby.
Yarmouth	Yarmouth.

PARISHES IN NEW BRUNSWICK.

Aberdeen	Carleton.
Acadieville	Kent.
Addington	Restigouche.
Alma	Albert.
Alnwick	Northumberland.
Andover	Victoria.
Balmoral	Restigouche.
Bathurst	Gloucester.
Beresford	"
Blackville	Northumberland.
Blissfield	Northumberland.
Blissville	Sunbury.
Botsford	Westmorland.
Bright	York.
Brighton	Carleton.
Brunswick	Queens.
Burton	Sunbury.
Cambridge	Queens.
Campobello	Charlotte.
Canning	"
Canterbury	York.
Caraquet	Gloucester.
Cardwell	Kings.
Carleton	Kent.
Chatham	Northumberland.
Chipman	Queens.
Clarendon	Charlotte.
Clair	Victoria.
Cloverdale	Albert.
Colborne	Restigouche.
Dalhousie	"
Derby	Northumberland.
Dorchester	Westmorland.
Douglas	York.
Drummond	Victoria.
Dufferin	Charlotte.
Dumbarton	"
Dumfries	York.
Dundas	Kent.
Durham	Restigouche.
Eldon	"
Elgin	Albert.
Gagetown	Queens.
Gladstone	Sunbury.
Glenelg	Northumberland.
Gordon	Victoria.
Grand Falls	"
Grand Manan	Charlotte.
Greenwich	Kings.
Hammond	"
Hampstead	Queens.
Hampton	Kings.
Harcourt	Kent.
Hardwicke	Northumberland.
Harvey	Albert.

PARISHES IN NEW BRUNSWICK—*Continued.*

Parish.	County.
Havelock	Kings.
Hillsborough	Albert.
Hopewell	"
Huskisson	Kent.
Inkerman	Gloucester.
Johnston	Queens.
Kars	Kings.
Kent	Carleton.
Kingsclear	York.
Kingston	Kings.
Lancaster	St. John.
Lepreau	Charlotte.
Lincoln	Sunbury.
Lorne	Victoria.
Ludlow	Northumberland.
McAdam	York.
Madawaska	Madawaska.
Manners Sutton	York.
Maugersville	Sunbury.
Moncton	Westmorland.
Musquash	St. John.
Nelson	Northumberland.
New Bandon	Gloucester.
Newcastle	Northumberland.
New Maryland	York.
Northampton	Carleton.
Northesk	Northumberland.
Northfield	Sunbury.
North Lake	York.
Norton	Kings.
Paquetville	Gloucester.
Peel	Carleton.
Penfield	Charlotte.
Perth	Victoria.
Petersville	Queens.
Prince William	York.
Queensbury	"
Richibucto	Kent.
Richmond	Carleton.
Rogersville	Northumberland.
Rothesay	Kings.
St. Andrews	Charlotte.
St. Anns	Madawaska.
St. Basil	"
St. Croix	Charlotte.
St. David	"
St. Francis	Madawaska.
St. George	Charlotte.
St. Hilaire	Madawaska.
St. Isidore	Gloucester.
St. Jacques	Madawaska.
St. James	Charlotte.
St. Leonard	Madawaska.
St. Louis	Kent.
St. Martins	St. John.
St. Mary	Kent.
St. Marys	York.
St. Patrick	Charlotte.
St. Paul	Kent.
St. Stephen	Charlotte.
Sackville	Westmorland.
Salisbury	"
Saumarez	Gloucester.
Sheffield	Sunbury.
Shediac	Westmorland.
Shippigan	Gloucester.
Simonds	St. John.
Simonds	Carleton.
Southampton	York.
Southesk	Northumberland.
Springfield	Kings.
Stanley	York.
Studholm	Kings.
Sussex	"
Upham	"
Wakefield	Carleton.
Waterboro	Queens.
Waterford	Kings.
Weldford	Kent.
Wellington	"
Westfield	Kings.
West Isles	Charlotte.
Westmorland	Westmorland.
Wickham	Queens.
Wicklow	Carleton.
Wilmot	"
Woodstock	"